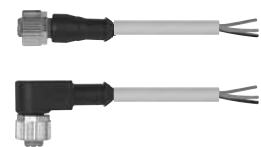


**With open ended wire**



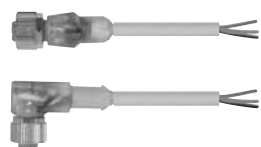
**Round plug connector**  
Male  
M12  
straight  
90°

page 1.3.1



**Round plug connector**  
Female  
M12  
straight  
90°

page 1.3.3



**Round plug connector**  
Female  
with LED  
M12  
straight  
90°

page 1.3.6



**Round plug connector**  
Male  
(shielded)  
M12  
straight  
90°

page 1.3.9



**Round plug connector**  
Female  
(shielded)  
M12  
straight  
90°

page 1.3.11

**Field-wireable**



**Round plug connector**  
Male  
Female  
M12 Isolation displacement technology  
straight/90°  
straight/90°  
Isolation displacement as HARAX®, a registered trademark of HARTING KGaA

page 1.3.13



**Round plug connector**  
Male  
Male  
Female  
M12 Screw terminals  
straight/90°  
straight/90°  
straight/90°

















page 1.3.18



**Round plug connector**  
Male  
Female  
M12 Screw terminals, shielded  
straight/90°  
straight/90°

page 1.3.23

# Round plug connector M12

Connection Cable		Round plug connector M12		Round plug connector M12		
		Male	straight 90°	Female	straight 90° 90° with LED	page 1.3.25
		Male (shielded)	straight  DESINA®	Female	straight 90° DESINA®	page 1.3.39
		Male	straight 90°	Female	straight 90° 90° with LED	page 1.3.40
						
		Y-distributor Male	M12 straight	Female	straight 90° 90° with LED	page 1.3.44
						
						
		T-coupler Male M12	straight	T-coupler Female M8 Female M12	straight straight	page 1.3.49

# Round plug connector M12

with open ended wires

Male straight



Approvals:

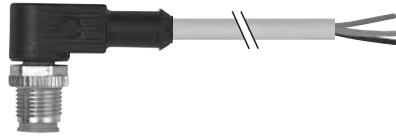
Round plug connector M12

1	Form	No.	1 2 0 0 1	1 2 0 2 1	1 2 0 4 1					
	Suppression/Circuit diagram		3-pole	4-pole	5-pole					
	Contact layout									
2	Cable type	Jacket color			Jacket color			Jacket color		
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034 <small>DESINA®</small>	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054 <small>DESINA®</small>	254	654	055	255	655
3	Cable length									
	1.5 m	0150								
	3.0 m	0300								
	5.0 m	0500								
	7.5 m	0750								
	10.0 m	1000								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		
Notes		Accessories and technical data in chapter 1.10. Further cable lengths on request.								

# Round plug connector M12

with open ended wires

Male  
90°



Approvals:

1	Form No.	1 2 0 8 1	1 2 1 0 1	1 2 1 2 1						
Suppression/Circuit diagram	3-pole									
Contact layout										
2	Cable type	Jacket color								
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034 <sup>DESINA*</sup>	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054 <sup>DESINA*</sup>	254	654	055	255	655
3	Cable length									
	1.5 m	0150								
	3.0 m	0300								
	5.0 m	0500								
	7.5 m	0750								
	10.0 m	1000								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		

Round plug connector M12

Accessories and technical data in chapter 1.10.  
Further cable lengths on request.

# Round plug connector M12

with open ended wires

Female straight



Approvals:

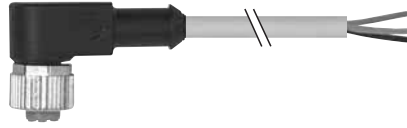
Round plug connector M12

1	Form	No.	1 2 1 8 1	1 2 2 2 1	1 2 2 4 1					
	Suppression/Circuit diagram		3-pole	4-pole	5-pole					
	Contact layout									
2	Cable type	Jacket color			Jacket color			Jacket color		
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034 <small>DESINA®</small>	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054 <small>DESINA®</small>	254	654	055	255	655
3	Cable length									
	1.5 m	0150								
	3.0 m	0300								
	5.0 m	0500								
	7.5 m	0750								
	10.0 m	1000								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.									

# Round plug connector M12

with open ended wires

Female  
90°



Approvals:

1	Form No.	1 2 3 2 1	1 2 3 4 1	1 2 3 6 1						
Suppression/Circuit diagram	3-pole									
Contact layout										
2	Cable type	Jacket color								
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034 <sup>DESINA*</sup>	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054 <sup>DESINA*</sup>	254	654	055	255	655
3	Cable length									
	1.5 m	0150								
	3.0 m	0300								
	5.0 m	0500								
	7.5 m	0750								
	10.0 m	1000								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		

Round plug connector M12

Accessories and technical data in chapter 1.10.  
Further cable lengths on request.

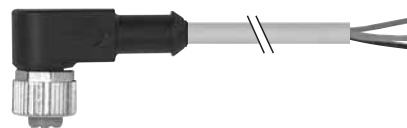
# Round plug connector M12

with open ended wires

Female  
straight



Female  
90°



Approvals:

Round plug connector M12

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>1 2 1 6 1</b>			<b>1 2 3 0 1</b>							
	<b>Suppression/Circuit diagram</b>		<b>4-pole</b>			<b>4-pole</b>							
	<b>Contact layout</b>												
<b>2</b>	<b>Cable type</b>		<b>Jacket color</b>			<b>Jacket color</b>							
	<b>Wire diameter 0.34 mm<sup>2</sup></b>		<b>yellow</b>	<b>gray</b>	<b>black</b>	<b>yellow</b>	<b>gray</b>	<b>black</b>					
	PVC		<b>013</b>	<b>213</b>	<b>613</b>	<b>013</b>	<b>213</b>	<b>613</b>					
	PUR/PVC		<b>023</b>	<b>223</b>	<b>623</b>	<b>023</b>	<b>223</b>	<b>623</b>					
	PUR (UL/CSA-listed)		<b>033</b>	<b>233</b>	<b>633</b>	<b>033</b>	<b>233</b>	<b>633</b>					
Suitable for robot cable (irradiated)		<b>053</b>	<b>253</b>	<b>653</b>	<b>053</b>	<b>253</b>	<b>653</b>						
<b>3</b>	<b>Cable length</b>												
	1.5 m		<b>0150</b>										
	3.0 m		<b>0300</b>										
	5.0 m		<b>0500</b>										
	7.5 m		<b>0750</b>										
	10.0 m		<b>1000</b>										
<b>Your article no.</b>													
The composition of your article number is explained on page 1.1.2													
		<b>1</b>		<b>Form</b>		<b>2</b>		<b>Cable type</b>		<b>3</b>		<b>Cable length</b>	
<b>Notes</b>		Accessories and technical data in chapter 1.10. Further cable lengths on request.											

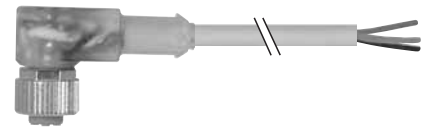
# Round plug connector M12

with open ended wires

Female  
straight, with LED



Female  
90°, with LED



Approvals:

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>1 2 2 6 1</b>			<b>1 2 3 8 1</b>		
	<b>Suppression/Circuit diagram</b>	<b>3-pole with 2 x LED (PNP)</b>			<b>3-pole with 2 x LED (PNP)</b>			
<b>Contact layout</b>			<b>(NPN) on request</b>			<b>(NPN) on request</b>		
<b>2</b>	<b>Cable type</b>		<b>Jacket color</b>			<b>Jacket color</b>		
	Wire diameter 0.34 mm <sup>2</sup>		<b>yellow</b>	gray	black	<b>yellow</b>	gray	black
	1 – PVC		<b>013</b>	213	613	<b>013</b>	213	613
	2 – PUR/PVC		<b>023</b>	223	623	<b>023</b>	223	623
	3 – PUR (UL/CSA-listed)		<b>033</b>	233	633	<b>033</b>	233	633
	5 – Suitable for robot cable (irradiated)		<b>053</b>	253	653	<b>053</b>	253	653
<b>3</b>	<b>Cable length</b>							
	1.5 m		<b>0150</b>					
	3.0 m		<b>0300</b>					
	5.0 m		<b>0500</b>					
	7.5 m		<b>0750</b>					
	10.0 m		<b>1000</b>					
<b>Your article no.</b>								
The composition of your article number is explained on page 1.1.2								
		<b>Murrelektronik Standard</b>						
		<b>1 Form</b>			<b>2 Cable type</b>			
					<b>3 Cable length</b>			
<b>Notes</b>								
		Accessories and technical data in chapter 1.10.			Further cable lengths on request.			



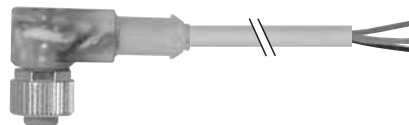
# Round plug connector M12

with open ended wires

Female  
straight, with LED



Female  
90°, with LED



Approvals:

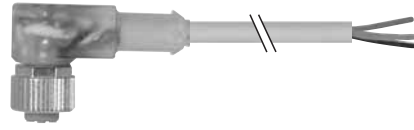
Round plug connector M12

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>1 2 2 8 1</b>				<b>1 2 4 0 1</b>					
	Suppression/Circuit diagram		4-pole with 2 x LED (PNP)				4-pole with 2 x LED (PNP)					
		(NPN) on request				(NPN) on request						
Contact layout												
<b>2</b>	<b>Cable type</b>		<b>Jacket color</b>				<b>Jacket color</b>					
	Wire diameter 0.34 mm <sup>2</sup>		yellow	gray	black	yellow	gray	black				
	PVC		013	213	613	013	213	613				
	PUR/PVC		023	223	623	023	223	623				
	PUR (UL/CSA-listed)		033	233	633	033	233	633				
Suitable for robot cable (irradiated)		053	253	653	053	253	653					
<b>3</b>	<b>Cable length</b>											
	1.5 m		0150									
	3.0 m		0300									
	5.0 m		0500									
	7.5 m		0750									
	10.0 m		1000									
<b>Your article no.</b>												
The composition of your article number is explained on page 1.1.2		<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid gray; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #ccc;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #ccc;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #ccc;"></div> </div>										
		<b>1</b>	<b>Form</b>				<b>2</b>	<b>Cable type</b>		<b>3</b>	<b>Cable length</b>	
<b>Notes</b>		Accessories and technical data in chapter 1.10. Further cable lengths on request.										

# Round plug connector M12

with open ended wires

Female  
90°, with LED



Approvals:

1 Form		No.	1 2 4 2 1	1 2 4 4 1			
Suppression/Circuit diagram		4-pole with 3 x LED (PNP)		5-pole with 3 x LED (PNP)			
Contact layout		(NPN) on request		(NPN) on request			
2 Cable type		Jacket color					
Wire diameter 0.34 mm <sup>2</sup>		<b>yellow</b>	gray	black	<b>yellow</b>	gray	black
PVC		<b>014</b>	214	614	<b>015</b>	215	615
PUR/PVC		<b>024</b>	224	624	<b>025</b>	225	625
PUR (UL/CSA-listed)		<b>034</b>	234	634	<b>035</b>	235	635
Suitable for robot cable (irradiated)		<b>054</b>	254	654	<b>055</b>	255	655
3 Cable length							
1.5 m		<b>0150</b>					
3.0 m		<b>0300</b>					
5.0 m		<b>0500</b>					
7.5 m		<b>0750</b>					
10.0 m		<b>1000</b>					
Your article no.							
The composition of your article number is explained on page 1.1.2							
		1 Form		2 Cable type		3 Cable length	
Notes		Accessories and technical data in chapter 1.10. Further cable lengths on request.					

Round plug connector M12

# Round plug connector M12

with open ended wires

Male  
straight, shielded



Approvals:

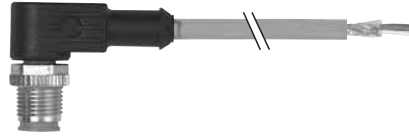
Round plug connector M12

1	Form	No.	1 3 0 6 1	1 3 0 8 1	1 3 1 0 1
	Suppression/Circuit diagram		3-pole	4-pole	5-pole
	Contact layout				
2	Cable type	Jacket color	Jacket color	Jacket color	Jacket color
	Wire diameter 0.34 mm <sup>2</sup>	gray	gray	gray	gray
	PVC	317	330	348	
	PUR/PVC	318	331	349	
3	Cable length				
	1.5 m	0150			
	3.0 m	0300			
	5.0 m	0500			
	7.5 m	0750			
	10.0 m	1000			
	Your article no.				
	The composition of your article number is explained on page 1.1.2				
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		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

# Round plug connector M12

with open ended wires

Male  
90°, shielded



Approvals:

1	Form	No.	1 3 1 2 1	1 3 1 4 1	1 3 1 6 1
	Suppression/Circuit diagram		3-pole	4-pole	5-pole
	Contact layout				
2	Cable type	Jacket color			
	Wire diameter 0.34 mm <sup>2</sup>	gray		gray	gray
	PVC	317		330	348
	PUR/PVC	318		331	349
3	Cable length				
	1.5 m	0150			
	3.0 m	0300			
	5.0 m	0500			
	7.5 m	0750			
	10.0 m	1000			
	Your article no.				
	The composition of your article number is explained on page 1.1.2	<b>7 0 0 0</b> - <input type="text"/> - <input type="text"/> - <input type="text"/>			
		Murrelektronik Standard			
		1 Form	2 Cable type	3 Cable length	
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

Round plug connector M12

# Round plug connector M12

with open ended wires

Female  
straight, shielded



Approvals:

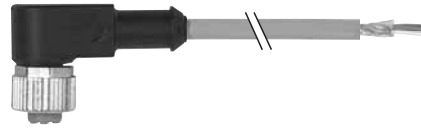
Round plug connector M12

1	Form	No.	1 3 1 8 1	1 3 2 0 1	1 3 2 2 1
	Suppression/Circuit diagram		3-pole	4-pole	5-pole
	Contact layout				
2	Cable type	Jacket color	Jacket color	Jacket color	Jacket color
	Wire diameter 0.34 mm <sup>2</sup>	gray	gray	gray	gray
	PVC	317	330	348	
	PUR/PVC	318	331	349	
3	Cable length				
	1.5 m	0150			
	3.0 m	0300			
	5.0 m	0500			
	7.5 m	0750			
	10.0 m	1000			
	Your article no.				
	The composition of your article number is explained on page 1.1.2				
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Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

# Round plug connector M12

with open ended wires

Female  
90°, shielded



Approvals:

1	Form	No.	1 3 2 4 1	1 3 2 6 1	1 3 2 8 1
	Suppression/Circuit diagram		3-pole	4-pole	5-pole
	Contact layout				
2	Cable type	Jacket color			
	Wire diameter 0.34 mm <sup>2</sup>	gray		gray	gray
	PVC	317		330	348
	PUR/PVC	318		331	349
3	Cable length				
	1.5 m	0150			
	3.0 m	0300			
	5.0 m	0500			
	7.5 m	0750			
	10.0 m	1000			
	Your article no.				
	The composition of your article number is explained on page 1.1.2				
		1	Form	2	Cable type
		3	Cable length		
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

Round plug connector M12

# Round plug connector M12

Field-wireable  
with isolation displacement  
technology

Male  
straight



Female  
straight



Approvals:

Round plug connector M12

1	Form	No.	1 2 4 6 1	1 2 4 8 1	1 2 5 8 1	1 2 6 0 1
	Suppression/Circuit diagram		3-pole	4-pole	3-pole	4-pole
	Wire diameter		0.25...0.5 mm <sup>2</sup>	0.25...0.5 mm <sup>2</sup>	0.25...0.5 mm <sup>2</sup>	0.25...0.5 mm <sup>2</sup>
	Contact layout		<p>Male</p>	<p>Male</p>	<p>Female</p>	<p>Female</p>

### Technical data

Supply voltage	max. 32 V
Nominal current	max. 3 A
Voltage isolation	500 V
Conductor diameter	≥ 0.1 mm (DIN VDE 0812)
Outer wire diameter	1.2...1.6 mm
Outer cable diameter	4...5.1 mm
Wire isolation	PVC, PP, TPE
Connection frequency	10
Protection	IP67 when plugged and screwed down (EN 60529)
Temperature range	-25...+85 °C
Combustibility class to UL 94	VO

### Your article no.

The composition  
of your article number  
is explained  
on page 1.1.2

7 0 0 0 - 
 \_ \_ \_ \_ - 
 0 0 0
0 0 0 0

**Murrelektronik Standard**

**1** Form

### Notes

Accessories and technical data in chapter 1.10.  
Further cable lengths on request.

# Round plug connector M12

Field-wireable  
with isolation displacement  
technology

Male  
straight



Female  
straight



<b>1</b>	<b>Form</b>	<b>No.</b>	<b>1 2 4 9 1</b>	<b>1 2 6 1 1</b>
	Suppression/Circuit diagram		4-pole	4-pole
	Wire diameter		0.14...0.34 mm <sup>2</sup>	0.14...0.34 mm <sup>2</sup>
	Contact layout		<p>Male</p>	<p>Female</p>
<b>Technical data</b>				
	Supply voltage		max. 32 V	
	Nominal current		max. 3 A	
	Voltage isolation		500 V	
	Conductor diameter		≥ 0.1 mm (DIN VDE 0812)	
	Outer wire diameter		1.2...1.6 mm	
	Outer cable diameter		4...5.1 mm	
	Wire isolation		PVC, PP, TPE	
	Connection frequency		10	
	Protection		IP67 when plugged and screwed down (EN 60529)	
	Temperature range		-25...+85 °C	
<b>Your article no.</b>				
	The composition of your article number is explained on page 1.1.2		<div style="display: flex; align-items: center; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <div style="font-size: 2em;">-</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">           - - - - -         </div> <div style="font-size: 2em;">-</div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>0 0 0</b> </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>0 0 0 0</b> </div> </div>	
			<b>1</b> Form	
<b>Notes</b>				
Accessories and technical data in chapter 1.10. Further cable lengths on request.				



# Round plug connector M12

Field-wireable  
with isolation displacement  
technology

Male  
90°



Female  
90°



Approvals:

Round plug connector M12

1	Form	No.	1 2 5 4 1	1 2 5 6 1	1 2 6 6 1	1 2 6 8 1
	Suppression/Circuit diagram		3-pole	4-pole	3-pole	4-pole
	Wire diameter		0.25...0.5 mm <sup>2</sup>	0.25...0.5 mm <sup>2</sup>	0.25...0.5 mm <sup>2</sup>	0.25...0.5 mm <sup>2</sup>
	Contact layout		<p>Male</p>	<p>Male</p>	<p>Female</p>	<p>Female</p>

### Technical data

Supply voltage	max. 32 V
Nominal current	max. 3 A
Voltage isolation	500 V
Conductor diameter	≥ 0.1 mm (DIN VDE 0812)
Outer wire diameter	1.2...1.6 mm
Outer cable diameter	4...5.1 mm
Wire isolation	PVC, PP, TPE
Connection frequency	10
Protection	IP67 when plugged and screwed down (EN 60529)
Temperature range	-25...+85 °C
Combustibility class to UL 94	VO

### Your article no.

The composition  
of your article number  
is explained  
on page 1.1.2

7 0 0 0 - 
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 0 0 0
0 0 0 0

Murrelektronik Standard

**1** Form

### Notes

Accessories and technical data in chapter 1.10.  
Further cable lengths on request.

# Round plug connector M12

Field-wireable  
with isolation displacement  
technology

Male  
straight



Round plug connector M12

1	Form	No.	1 2 5 0 1	1 2 5 1 1	1 2 5 2 1
	Suppression/Circuit diagram		3-pole	3-pole	4-pole
	Wire diameter		0.5...1.0 mm <sup>2</sup>	0.5...1.0 mm <sup>2</sup>	0.5...1.0 mm <sup>2</sup>
	Contact layout				

### Technical data

Supply voltage	max. 32 V
Nominal current	max. 3 A
Voltage isolation	500 V
Conductor diameter	≥ 0.1 mm (DIN VDE 0812)
Outer wire diameter	1.6...2.0 mm
Outer cable diameter	5.5...8.0 mm
Wire isolation	PVC, PP, TPE
Connection frequency	10
Protection	IP67 when plugged and screwed down (EN 60529)
Temperature range	-25...+85 °C
Combustibility class to UL 94	VO

### Your article no.

The composition  
of your article number  
is explained  
on page 1.1.2

7 0 0 0 - 
 \_ \_ \_ \_ - 
 0 0 0
0 0 0 0

Murrelektronik Standard

**1** Form

### Notes

Accessories and technical data in chapter 1.10.

# Round plug connector M12

Field-wireable  
with isolation displacement  
technology

Female  
straight



1	Form	No.	1 2 6 2 1	1 2 6 3 1	1 2 6 4 1	
	Suppression/Circuit diagram		3-pole	3-pole	4-pole	
	Wire diameter		0.5...1.0 mm <sup>2</sup>	0.5...1.0 mm <sup>2</sup>	0.5...1.0 mm <sup>2</sup>	
	Contact layout					
<b>Technical data</b>						
	Supply voltage		max. 32 V			
	Nominal current		max. 3 A			
	Voltage isolation		500 V			
	Conductor diameter		≥ 0.1 mm (DIN VDE 0812)			
	Outer wire diameter		1.6...2.0 mm			
	Outer cable diameter		5.5...8.0 mm			
	Wire isolation		PVC, PP, TPE			
	Connection frequency		10			
	Protection		IP67 when plugged and screwed down (EN 60529)			
	Temperature range		-25...+85 °C			
	Combustibility class to UL 94		V0			
<b>Your article no.</b>						
	The composition of your article number is explained on page 1.1.2					
			<b>1 Form</b>			
<b>Notes</b>						
			Accessories and technical data in chapter 1.10.			

# Round plug connector M12

Field-wireable  
with screw terminals

Male  
straight



Female  
straight



Approvals:

Round plug connector M12

1	Form	No.	1 2 7 0 1	1 2 7 2 1	1 2 9 0 1	1 2 9 2 1
	Suppression/Circuit diagram	4-pole		5-pole		
	Clamping range screw thread	PG7 4...6 mm	PG7 4...6 mm	PG7 4...6 mm	PG7 4...6 mm	PG7 4...6 mm
	Contact layout					
	<b>Technical data</b>					
	Supply voltage	250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC	
	Current per contact	max. 4 A				
	Connection type	screw terminals				
	Connection diameter	max. 0.75 mm <sup>2</sup>				
	Protection	IP67 when plugged and screwed down (EN 60529)				
	Temperature range	-40...+85 °C				
	Housing material	Flame retardant plastic, resistant against standard coding agents and lubricants				
	Clamping range screw thread	PG7: 4...6 mm (clamping range 2.5...4 mm on request)				
	<b>Your article no.</b>					
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 2px;">7 0 0 0</div> <span>-</span> <div style="border: 1px solid black; padding: 2px;">_ _ _ _</div> <span>-</span> <div style="border: 1px solid black; padding: 2px;">0 0 0</div> <div style="border: 1px solid black; padding: 2px;">0 0 0 0</div> </div> <p style="margin-top: 5px;">Murrelektronik Standard</p>				
		<b>1 Form</b>				
	<b>Notes</b>	Accessories and technical data in chapter 1.10.				

# Round plug connector M12

Field-wireable  
with screw terminals

Male  
straight



Female  
straight



Approvals:

1	Form	No.	1 2 7 4 1	1 2 7 6 1	1 2 9 4 1	1 2 9 6 1
	Suppression/Circuit diagram		4-pole	5-pole	4-pole	5-pole
	Clamping range screw thread		PG9 6...8 mm	PG9 6...8 mm	PG9 6...8 mm	PG9 6...8 mm
	Contact layout					
	<b>Technical data</b>					
	Supply voltage		250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC
	Current per contact		max. 4 A			
	Connection type		screw terminals			
	Connection diameter		max. 0.75 mm <sup>2</sup>			
	Protection		IP67 when plugged and screwed down (EN 60529)			
	Temperature range		-40...+85 °C			
	Housing material		Flame retardant plastic, resistant against standard coding agents and lubricants			
	Clamping range screw thread		PG9: 6...8 mm			
	<b>Your article no.</b>					
	The composition of your article number is explained on page 1.1.2		<b>7 0 0 0</b>	-	<b>0 0 0</b>	<b>0 0 0 0</b>
			<b>Murrelektronik Standard</b>			
			<b>1 Form</b>			
	<b>Notes</b>		Accessories and technical data in chapter 1.10.			

# Round plug connector M12

Field-wireable Y-distributor  
with screw terminals

Male  
straight



Approvals:

Round plug connector M12

1	Form	No.	1 2 7 8 1	1 2 8 0 1		
	Suppression/Circuit diagram		4-pole	5-pole		
	Clamping range screw thread		PG11 2.1...3/4...5 mm	PG11 2.1...3/4...5 mm		
	Contact layout					
<b>Technical data</b>						
	Supply voltage		250 V AC/DC	125 V AC/DC		
	Current per contact		max. 4 A			
	Connection type		screw terminals			
	Connection diameter		max. 0.75 mm <sup>2</sup>			
	Protection		IP67 when plugged and screwed down (EN 60529)			
	Temperature range		-40...+85 °C			
	Housing material		Flame retardant plastic, resistant against standard coding agents and lubricants			
	Clamping range screw thread		PG11: 2.1...3/4...5 mm (2 outgoing cables)			
<b>Your article no.</b>						
	The composition of your article number is explained on page 1.1.2		<div style="border: 1px solid black; padding: 2px; display: inline-block;">7 0 0 0</div> - <div style="border: 1px solid black; padding: 2px; display: inline-block;">- - - - -</div> - <div style="border: 1px solid black; padding: 2px; display: inline-block;">0 0 0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 20px;">0 0 0 0</div>			
			<b>1 Form</b>			
<b>Notes</b>						
			Accessories and technical data in chapter 1.10.			

# Round plug connector M12

Field-wireable  
with screw terminals

Male  
90°



Female  
90°



Approvals:

Round plug connector M12

1	Form	No.	1 2 8 2 1	1 2 8 4 1	1 2 9 8 1	1 3 0 0 1			
	Suppression/Circuit diagram		4-pole	5-pole	4-pole	5-pole			
	Clamping range screw thread		PG7 4...6 mm	PG7 4...6 mm	PG7 4...6 mm	PG7 4...6 mm			
	Contact layout								
	<b>Technical data</b>								
	Supply voltage		250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC			
	Current per contact		max. 4 A						
	Connection type		screw terminals						
	Connection diameter		max. 0.75 mm <sup>2</sup>						
	Protection		IP67 when plugged and screwed down (EN 60529)						
	Temperature range		-40...+85 °C						
	Housing material		Flame retardant plastic, resistant against standard coding agents and lubricants						
	Clamping range screw thread		PG7 4...6 mm (clamping range 2.5...4 mm on request)						
	<b>Your article no.</b>								
	The composition of your article number is explained on page 1.1.2		<b>7 0 0 0</b>	-	-	-	<b>0 0 0</b>	-	<b>0 0 0 0</b>
			<b>Murrelektronik Standard</b>						
			<b>1 Form</b>						
	<b>Notes</b>		Accessories and technical data in chapter 1.10.						

# Round plug connector M12

Field-wireable  
with screw terminals

Male  
90°



Female  
90°



Approvals:

1	Form	No.	1 2 8 6 1	1 2 8 8 1	1 3 0 2 1	1 3 0 4 1
	Suppression/Circuit diagram		4-pole	5-pole	4-pole	5-pole
	Clamping range screw thread		PG9 6...8 mm	PG9 6...8 mm	PG9 6...8 mm	PG9 6...8 mm
	Contact layout					
	<b>Technical data</b>					
	Supply voltage		250 V AC/DC	125 V AC/DC	250 V AC/DC	125 V AC/DC
	Current per contact		max. 4 A			
	Connection type		screw terminals			
	Connection diameter		max. 0.75 mm <sup>2</sup>			
	Protection		IP67 when plugged and screwed down (EN 60529)			
	Temperature range		-40...+85 °C			
	Housing material		Flame retardant plastic, resistant against standard coding agents and lubricants			
	Clamping range screw thread		PG9: 6...8 mm			
	<b>Your article no.</b>					
	The composition of your article number is explained on page 1.1.2		<b>7 0 0 0</b>	-	<b>0 0 0</b>	<b>0 0 0 0</b>
			<b>Murrelektronik Standard</b>			
			<b>1 Form</b>			
	<b>Notes</b>		Accessories and technical data in chapter 1.10.			



# Round plug connector M12

Field-wireable  
with screw terminals

Male  
straight, shielded



Female  
straight, shielded



Round plug connector M12

1	Form	No.	1 3 3 0 1	1 3 3 2 1	1 3 3 8 1	1 3 4 0 1
	Suppression/Circuit diagram		5-pole	5-pole	5-pole	5-pole
	Clamping range screw thread		PG7 4...6 mm	PG9 6...8 mm	PG7 4...6 mm	PG9 6...8 mm
	Contact layout					

### Technical data

Supply voltage	max. 125 V AC/DC			
Current per contact	max. 4 A			
Connection type	screw terminals			
Connection diameter	max. 0.75 mm <sup>2</sup>			
Protection	IP67 when plugged and screwed down (EN 60529)			
Temperature range	-40...+85 °C			
Housing material	CuZn, nickel plated			
Clamping range screw thread	PG7: 4...6 mm	PG9: 6...8 mm	PG7: 4...6 mm	PG9: 6...8 mm

### Your article no.

The composition  
of your article number  
is explained  
on page 1.1.2

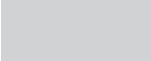
**7 0 0 0**

Murrelektronik  
Standard

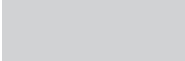
-



**0 0 0**



**0 0 0 0**



**1** Form

### Notes

Accessories and technical data in chapter 1.10.

# Round plug connector M12

Field-wireable  
with screw terminals

Male  
90°, shielded



Female  
90°, shielded



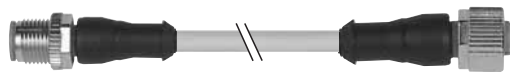
1	Form	No.	1 3 3 4 1	1 3 3 6 1	1 3 4 2 1	1 3 4 4 1
	Suppression/Circuit diagram		5-pole	5-pole	5-pole	5-pole
	Clamping range screw thread		PG7 4...6 mm	PG9 6...8 mm	PG7 4...6 mm	PG9 6...8 mm
	Contact layout					
<b>Technical data</b>						
	Supply voltage		max. 125 V AC/DC			
	Current per contact		max. 4 A			
	Connection type		screw terminals			
	Connection diameter		max. 0.75 mm <sup>2</sup>			
	Protection		IP67 when plugged and screwed down (EN 60529)			
	Temperature range		-40...+85 °C			
	Housing material		CuZn, nickel plated			
	Clamping range screw thread		PG7: 4...6 mm	PG9: 6...8 mm	PG7: 4...6 mm	PG9: 6...8 mm
<b>Your article no.</b>						
	The composition of your article number is explained on page 1.1.2		<b>7 0 0 0</b>	-	<b>0 0 0</b>	<b>0 0 0 0</b>
			<b>Murrelektronik Standard</b>			
			<b>1 Form</b>			
<b>Notes</b>						
			Accessories and technical data in chapter 1.10.			

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight

Female  
straight



Approvals:

Round plug connector M12

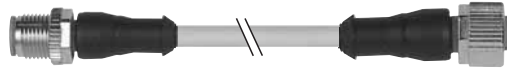
1	Form	No.	40001	40021	40041					
	Suppression/Circuit diagram		3-pole	4-pole	5-pole					
	Contact layout									
2	Cable type	Jacket color			Jacket color			Jacket color		
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034 <small>DESINA®</small>	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054 <small>DESINA®</small>	254	654	055	255	655
3	Cable length									
	0.3 m	0030								
	0.6 m	0060								
	1.0 m	0100								
	1.5 m	0150								
	2.0 m	0200								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.									

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight

Female  
straight



Approvals:

1		Form No.	40061	40081							
Suppression/Circuit diagram		3-pole									
Contact layout											
2		Cable type	Jacket color								
Wire diameter 0.34 mm <sup>2</sup>			yellow	gray	black	yellow	gray	black			
PVC			013	213	613	013	213	613			
PUR/PVC			023	223	623	023	223	623			
PUR (UL/CSA-listed)			033	233	633	033	233	633			
Suitable for robot cable (irradiated)			053	253	653	053	253	653			
3		Cable length									
0.3 m			0030								
0.6 m			0060								
1.0 m			0100								
1.5 m			0150								
2.0 m			0200								
Your article no.											
The composition of your article number is explained on page 1.1.2		<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px; background-color: #ccc;"></div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px; background-color: #ccc;"></div> <div style="border: 1px solid black; width: 60px; height: 30px; background-color: #ccc;"></div> </div>									
		<b>1</b>	Form			<b>2</b>	Cable type		<b>3</b>	Cable length	
Notes		Accessories and technical data in chapter 1.10. Further cable lengths on request.									

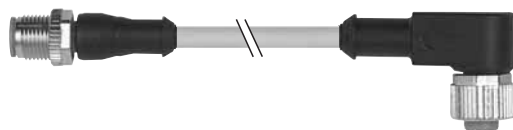
Round plug connector M12

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight

Female  
90°



Approvals:

Round plug connector M12

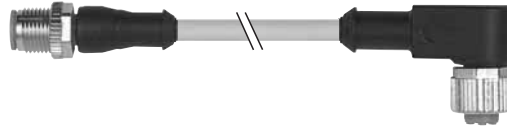
1	Form	No.	40101	40121	40141					
	Suppression/Circuit diagram		3-pole	4-pole	5-pole					
	Contact layout									
2	Cable type	Jacket color			Jacket color			Jacket color		
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034 DESINA®	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054 DESINA®	254	654	055	255	655
3	Cable length									
	0.3 m	0030								
	0.6 m	0060								
	1.0 m	0100								
	1.5 m	0150								
	2.0 m	0200								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		
Notes		Accessories and technical data in chapter 1.10. Further cable lengths on request.								

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight

Female  
90°



Approvals:

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>4 0 1 6 1</b>		
	Suppression/Circuit diagram	3-pole			
	<p style="text-align: center;">Contact layout</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Male</p> </div> <div style="text-align: center;"> <p>Female</p> </div> </div>				
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			
	Wire diameter 0.34 mm <sup>2</sup>	<b>yellow</b>	<b>gray</b>	<b>black</b>	
	PVC	<b>013</b>	<b>213</b>	<b>613</b>	
	PUR/PVC	<b>023</b>	<b>223</b>	<b>623</b>	
	PUR (UL/CSA-listed)	<b>033</b>	<b>233</b>	<b>633</b>	
Suitable for robot cable (irradiated)	<b>053</b>	<b>253</b>	<b>653</b>		
<b>3</b>	<b>Cable length</b>				
	0.3 m	<b>0030</b>			
	0.6 m	<b>0060</b>			
	1.0 m	<b>0100</b>			
	1.5 m	<b>0150</b>			
	2.0 m	<b>0200</b>			
<b>Your article no.</b>					
The composition of your article number is explained on page 1.1.2					
	<b>Murrelektronik Standard</b>				
<b>1 Form</b>		<b>2 Cable type</b>		<b>3 Cable length</b>	
<b>Notes</b>					
Accessories and technical data in chapter 1.10. Further cable lengths on request.					

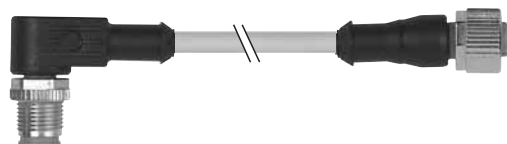
Round plug connector M12

# Round plug connector M12

Connection cable  
M12 - M12

Male  
90°

Female  
straight



Approvals:

Round plug connector M12

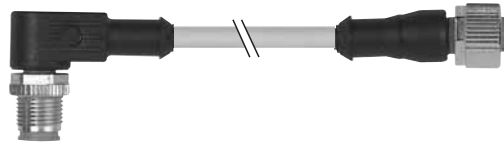
1	Form	No.	40171	40201	40221							
	Suppression/Circuit diagram	3-pole										
	Contact layout											
2	Cable type	Jacket color			Jacket color			Jacket color				
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black		
	PVC	013	213	613	014	214	614	015	215	615		
	PUR/PVC	023	223	623	024	224	624	025	225	625		
	PUR (UL/CSA-listed)	033	233	633	034 <small>DESINA®</small>	234	634	035	235	635		
	Suitable for robot cable (irradiated)	053	253	653	054 <small>DESINA®</small>	254	654	055	255	655		
3	Cable length											
	0.3 m	0030										
	0.6 m	0060										
	1.0 m	0100										
	1.5 m	0150										
	2.0 m	0200										
	Your article no.	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;">7 0 0 0</div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px;"></div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px;"></div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px;"></div> </div>										
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;">Murrelektronik Standard</div> </div>										
		1	Form			2	Cable type			3	Cable length	
Notes	<p>Accessories and technical data in chapter 1.10. Further cable lengths on request.</p>											

# Round plug connector M12

Connection cable  
M12 - M12

Male  
90°

Female  
straight



Approvals:

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40181</b>		
	<b>Suppression/Circuit diagram</b>	<b>3-pole</b>			
	<b>Contact layout</b> 				
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			
	Wire diameter 0.34 mm <sup>2</sup>	<b>yellow</b>	<b>gray</b>	<b>black</b>	
	PVC	<b>013</b>	<b>213</b>	<b>613</b>	
	PUR/PVC	<b>023</b>	<b>223</b>	<b>623</b>	
	PUR (UL/CSA-listed)	<b>033</b>	<b>233</b>	<b>633</b>	
Suitable for robot cable (irradiated)	<b>053</b>	<b>253</b>	<b>653</b>		
<b>3</b>	<b>Cable length</b>				
	0.3 m	<b>0030</b>			
	0.6 m	<b>0060</b>			
	1.0 m	<b>0100</b>			
	1.5 m	<b>0150</b>			
	2.0 m	<b>0200</b>			
<b>Your article no.</b>					
The composition of your article number is explained on page 1.1.2	<b>7 0 0 0</b> - <span style="border: 1px solid gray; padding: 2px;">- - - -</span> - <span style="border: 1px solid gray; padding: 2px;">- - -</span> <span style="border: 1px solid gray; padding: 2px;">- - - -</span>				
	<b>Murrelektronik Standard</b>				
	<b>1</b>	<b>Form</b>		<b>2</b>	<b>Cable type</b>
				<b>3</b>	<b>Cable length</b>
<b>Notes</b>					
Accessories and technical data in chapter 1.10. Further cable lengths on request.					

Round plug connector M12

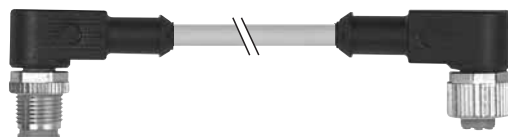


# Round plug connector M12

Connection cable  
M12 - M12

Male  
90°

Female  
90°



Approvals:

Round plug connector M12

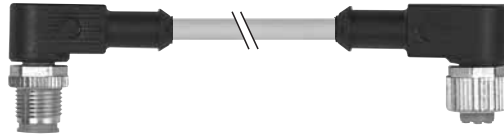
1	Form	No.	40241	40261	40281					
	Suppression/Circuit diagram	3-pole								
	Contact layout									
2	Cable type	Jacket color			Jacket color					
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034 <small>DESINA®</small>	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054 <small>DESINA®</small>	254	654	055	255	655
3	Cable length									
	0.3 m	0030								
	0.6 m	0060								
	1.0 m	0100								
	1.5 m	0150								
	2.0 m	0200								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		
Notes		Accessories and technical data in chapter 1.10. Further cable lengths on request.								

# Round plug connector M12

Connection cable  
M12 - M12

Male  
90°

Female  
90°



Approvals:

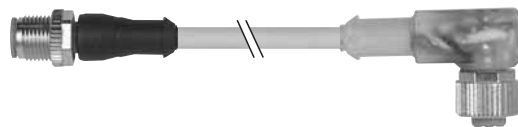
<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40301</b>		
	Suppression/Circuit diagram	3-pole			
	Contact layout				
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			
	Wire diameter 0.34 mm <sup>2</sup>	<b>yellow</b>	<b>gray</b>	<b>black</b>	
	PVC	<b>013</b>	<b>213</b>	<b>613</b>	
	PUR/PVC	<b>023</b>	<b>223</b>	<b>623</b>	
	PUR (UL/CSA-listed)	<b>033</b>	<b>233</b>	<b>633</b>	
	Suitable for robot cable (irradiated)	<b>053</b>	<b>253</b>	<b>653</b>	
<b>3</b>	<b>Cable length</b>				
	0.3 m	<b>0030</b>			
	0.6 m	<b>0060</b>			
	1.0 m	<b>0100</b>			
	1.5 m	<b>0150</b>			
	2.0 m	<b>0200</b>			
	<b>Your article no.</b>				
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 40px; background-color: #d3d3d3;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 40px; background-color: #d3d3d3;"></div> <div style="border: 1px solid gray; width: 60px; height: 40px; background-color: #d3d3d3;"></div> </div>			
		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
<b>Notes</b>					
	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight

Female  
90°, with LED



Approvals:

Round plug connector M12

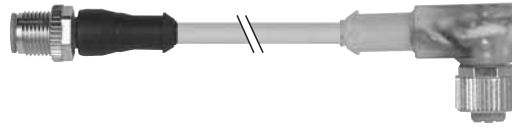
1	Form	No.	40321	40341	40361					
	Suppression/Circuit diagram		3-pole with 2 x LED (PNP)	4-pole with 3 x LED (PNP)	5-pole with 3 x LED (PNP)					
			(NPN) on request	(NPN) on request	(NPN) on request					
	Contact layout									
2	Cable type	Jacket color	Jacket color	Jacket color	Jacket color					
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	yellow	gray	black
	PVC	013	213	613	014	214	614	015	215	615
	PUR/PVC	023	223	623	024	224	624	025	225	625
	PUR (UL/CSA-listed)	033	233	633	034	234	634	035	235	635
	Suitable for robot cable (irradiated)	053	253	653	054	254	654	055	255	655
3	Cable length									
	0.3 m	0030								
	0.6 m	0060								
	1.0 m	0100								
	1.5 m	0150								
	2.0 m	0200								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		1 Form			2 Cable type			3 Cable length		
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.									

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight

Female  
90°, with LED



Approvals:

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>4 0 3 8 1</b>		
	Suppression/Circuit diagram	3-pole with 2 x LED (PNP)			
	Contact layout	<p>(NPN) on request</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Male</p> </div> <div style="text-align: center;"> <p>Female</p> </div> </div>			
<b>2</b>	<b>Cable type</b>	<b>Wire diameter 0.34 mm<sup>2</sup></b>	<b>Jacket color</b>		
	PVC	<b>yellow</b>	gray	black	
	PUR/PVC	<b>013</b>	213	613	
	PUR (UL/CSA-listed)	<b>023</b>	223	623	
	Suitable for robot cable (irradiated)	<b>033</b>	233	633	
		<b>053</b>	253	653	
<b>3</b>	<b>Cable length</b>				
	0.3 m	0030			
	0.6 m	0060			
	1.0 m	0100			
	1.5 m	0150			
	2.0 m	0200			
	<b>Your article no.</b>				
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <div style="font-size: 2em;">-</div> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">             - - - -         </div> <div style="font-size: 2em;">-</div> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">             - - -         </div> <div style="font-size: 2em;">-</div> <div style="border: 1px solid black; width: 100px; height: 40px; display: flex; align-items: center; justify-content: center;">             - - - -         </div> </div>			
		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
<b>Notes</b>	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

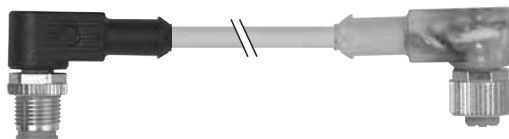
Round plug connector M12

# Round plug connector M12

Connection cable  
M12 - M12

Male  
90°

Female  
90°, with LED



Approvals:

Round plug connector M12

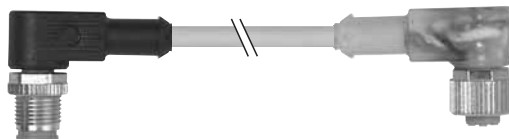
1	Form	No.	40401	40421	40441					
	Suppression/Circuit diagram		3-pole with 2 x LED (PNP)	4-pole with 3 x LED (PNP)	5-pole with 3 x LED (PNP)					
			(NPN) on request	(NPN) on request	(NPN) on request					
	Contact layout									
2	Cable type	Jacket color	Jacket color			Jacket color				
	Wire diameter 0.34 mm <sup>2</sup>	<b>yellow</b>	gray	black	<b>yellow</b>	gray	black	<b>yellow</b>	gray	black
	PVC	<b>013</b>	213	613	<b>014</b>	214	614	<b>015</b>	215	615
	PUR/PVC	<b>023</b>	223	623	<b>024</b>	224	624	<b>025</b>	225	625
	PUR (UL/CSA-listed)	<b>033</b>	233	633	<b>034</b>	234	634	<b>035</b>	235	635
	Suitable for robot cable (irradiated)	<b>053</b>	253	653	<b>054</b>	254	654	<b>055</b>	255	655
3	Cable length									
	0.3 m	<b>0030</b>								
	0.6 m	<b>0060</b>								
	1.0 m	<b>0100</b>								
	1.5 m	<b>0150</b>								
	2.0 m	<b>0200</b>								
	Your article no.									
	The composition of your article number is explained on page 1.1.2									
		<b>1</b> Form			<b>2</b> Cable type			<b>3</b> Cable length		
Notes	Accessories and technical data in chapter 1.10. Further cable length on request.									

# Round plug connector M12

Connection cable  
M12 - M12

Male  
90°

Female  
90°, with LED



Approvals:

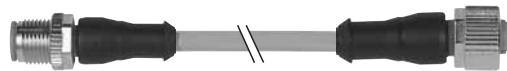
<b>1</b>	<b>Form</b>	<b>No.</b>	<b>4 0 4 6 1</b>		
	Suppression/Circuit diagram	3-pole with 2 x LED (PNP)			
	Contact layout	(NPN) on request			
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	
	PVC	013	213	613	
	PUR/PVC	023	223	623	
	PUR (UL/CSA-listed)	033	233	633	
	Suitable for robot cable (irradiated)	053	253	653	
<b>3</b>	<b>Cable length</b>				
	0.3 m	0030			
	0.6 m	0060			
	1.0 m	0100			
	1.5 m	0150			
	2.0 m	0200			
	Your article no.				
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid gray; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; margin: 0 auto;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; margin: 0 auto;"></div> <div style="border: 1px solid gray; width: 60px; height: 30px; margin: 0 auto;"></div> </div>			
		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
<b>Notes</b>					
	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight, shielded

Female  
straight, shielded



Approvals:

Round plug connector M12

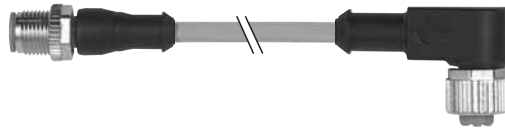
1	Form	No.	40481	40501	40521
	Suppression/Circuit diagram	3-pole			
	Contact layout				
2	Cable type	Jacket color	Jacket color	Jacket color	Jacket color
	Wire diameter 0.34 mm <sup>2</sup>	gray	gray	gray	gray
	PVC	317	330	348	
	PUR/PVC	318	331	349	
3	Cable length				
	0.3 m	0030			
	0.6 m	0060			
	1.0 m	0100			
	1.5 m	0150			
	2.0 m	0200			
	Your article no.	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;">7 0 0 0</div> <span>-</span> <div style="border: 1px solid black; width: 40px; height: 20px;"></div> <span>-</span> <div style="border: 1px solid black; width: 40px; height: 20px;"></div> <span>-</span> <div style="border: 1px solid black; width: 40px; height: 20px;"></div> </div>			
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; padding: 5px;">Murrelektronik Standard</div> </div>			
		1	Form	2	Cable type
		3	Cable length		
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight, shielded

Female  
90°, shielded



Approvals:

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40541</b>		
	Suppression/Circuit diagram	5-pole			
	Contact layout				
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			
	Wire diameter 0.34 mm <sup>2</sup>	gray			
	PVC	348			
	PUR/PVC	349			
<b>3</b>	<b>Cable length</b>				
	0.3 m	0030			
	0.6 m	0060			
	1.0 m	0100			
	1.5 m	0150			
	2.0 m	0200			
	Your article no.				
	The composition of your article number is explained on page 1.1.2				
		Murrelektronik Standard			
		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
<b>Notes</b>					
	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

Round plug connector M12



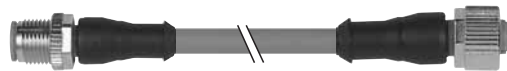
# Round plug connector M12

Connection cable  
M12 - M12

Male  
straight, shielded

Female  
straight, shielded

DESINA®



Approvals:

Round plug connector M12

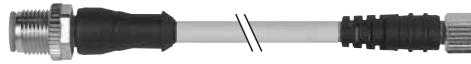
<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40501</b>		
	Suppression/Circuit diagram	4-pole			
	Contact layout				
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			
	Wire diameter 0.34 mm <sup>2</sup> PUR	green	820 DESINA®		
<b>3</b>	<b>Cable length</b>				
	0.3 m	0030			
	0.6 m	0060			
	1.0 m	0100			
	1.5 m	0150			
	2.0 m	0200			
	<b>Your article no.</b>				
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px; display: flex; align-items: center; justify-content: center;">             - - - -         </div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px; display: flex; align-items: center; justify-content: center;">             - - - -         </div> <div style="border: 1px solid black; width: 60px; height: 30px; display: flex; align-items: center; justify-content: center;">             - - - -         </div> </div>			
		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
<b>Notes</b>	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

# Round plug connector M12

Connection cable  
M12 - M8

Male  
straight

Female  
straight



Approvals:

1 Form		No.	40561			40581		
Suppression/Circuit diagram		3-pole			4-pole			
Contact layout								
2 Cable type		Jacket color			Jacket color			
Wire diameter 0.25 mm <sup>2</sup>		yellow	gray	black	yellow	gray	black	
PVC		010	210	610	011	211	611	
PUR/PVC		020	220	620	021	221	621	
PUR (UL/CSA-listed)		030	230	630	031	231	631	
Suitable for robot cable (irradiated)		050	250	650	051	251	651	
3 Cable length								
0.3 m		0030						
0.6 m		0060						
1.0 m		0100						
1.5 m		0150						
2.0 m		0200						
Your article no.								
The composition of your article number is explained on page 1.1.2								
		1 Form		2 Cable type		3 Cable length		
Notes		Accessories and technical data in chapter 1.10. Further cable lengths on request.						

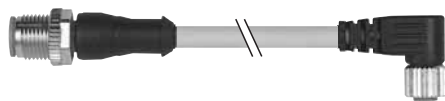
Round plug connector M12

# Round plug connector M12

Connection cable  
M12 - M8

Male  
straight

Female  
90°



Approvals:

Round plug connector M12

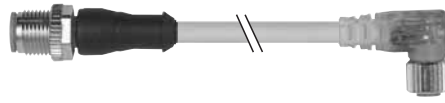
1	Form	No.	40601	40621			
	Suppression/Circuit diagram		3-pole	4-pole			
	Contact layout						
2	Cable type	Jacket color			Jacket color		
	Wire diameter 0.25 mm <sup>2</sup>	yellow	gray	black	yellow	gray	
	PVC	010	210	610	011	211	
	PUR/PVC	020	220	620	021	221	
	PUR (UL/CSA-listed)	030	230	630	031	231	
	Suitable for robot cable (irradiated)	050	250	650	051	251	
3	Cable length						
	0.3 m	0030					
	0.6 m	0060					
	1.0 m	0100					
	1.5 m	0150					
	2.0 m	0200					
	Your article no.						
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px; background-color: #cccccc;"></div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px; background-color: #cccccc;"></div> <span>-</span> <div style="border: 1px solid black; width: 60px; height: 30px; background-color: #cccccc;"></div> </div>					
		1	Form		2	Cable type	
		3	Cable length				
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.						

# Round plug connector M12

Connection cable  
M12 - M8

Male  
straight

Female  
90°, with LED



Approvals:

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40641</b>		
	Suppression/Circuit diagram	3-pole with 2 x LED (PNP)			
		<p>(NPN) on request</p>			
	Contact layout				
<b>2</b>	<b>Cable type</b>	<b>Wire diameter 0.25 mm<sup>2</sup></b>	<b>Jacket color</b>		
			<b>yellow</b>	gray	black
		PVC	<b>010</b>	210	<b>610</b>
		PUR/PVC	<b>020</b>	220	<b>620</b>
		PUR (UL/CSA-listed)	<b>030</b>	230	<b>630</b>
		Suitable for robot cable (irradiated)	<b>050</b>	250	<b>650</b>
<b>3</b>	<b>Cable length</b>				
		0.3 m	<b>0030</b>		
		0.6 m	<b>0060</b>		
		1.0 m	<b>0100</b>		
		1.5 m	<b>0150</b>		
		2.0 m	<b>0200</b>		
	<b>Your article no.</b>				
	The composition of your article number is explained on page 1.1.2	<p>Murrelektronik Standard</p>			
		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
<b>Notes</b>					
Accessories and technical data in chapter 1.10. Further cable lengths on request.					

Round plug connector M12

# Round plug connector M12

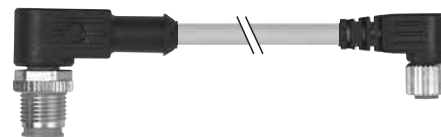
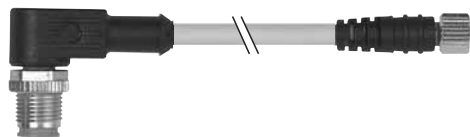
Connection cable  
M12 - M8

Male  
straight

Female  
straight

Male  
straight

Female  
90°



Approvals:

Round plug connector M12

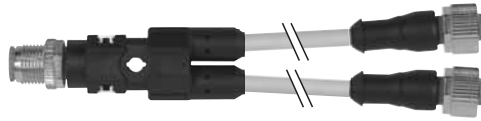
<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40661</b>			<b>40681</b>				
	<b>Suppression/Circuit diagram</b>		<b>3-pole</b>			<b>3-pole</b>				
<b>Contact layout</b>										
<b>2</b>	<b>Cable type</b>		<b>Jacket color</b>			<b>Jacket color</b>				
	Wire diameter 0.25 mm <sup>2</sup>		<b>yellow</b>	<b>gray</b>	<b>black</b>	<b>yellow</b>	<b>gray</b>	<b>black</b>		
	PVC		<b>010</b>	<b>210</b>	<b>610</b>	<b>010</b>	<b>210</b>	<b>610</b>		
	PUR/PVC		<b>020</b>	<b>220</b>	<b>620</b>	<b>020</b>	<b>220</b>	<b>620</b>		
	PUR (UL/CSA-listed)		<b>030</b>	<b>230</b>	<b>630</b>	<b>030</b>	<b>230</b>	<b>630</b>		
Suitable for robot cable (irradiated)		<b>050</b>	<b>250</b>	<b>650</b>	<b>050</b>	<b>250</b>	<b>650</b>			
<b>3</b>	<b>Cable length</b>									
	0.3 m		<b>0030</b>							
	0.6 m		<b>0060</b>							
	1.0 m		<b>0100</b>							
	1.5 m		<b>0150</b>							
	2.0 m		<b>0200</b>							
<b>Your article no.</b>										
The composition of your article number is explained on page 1.1.2		<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid gray; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #cccccc;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #cccccc;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #cccccc;"></div> </div>								
		<b>1</b>	<b>Form</b>		<b>2</b>	<b>Cable type</b>		<b>3</b>	<b>Cable length</b>	
<b>Notes</b>		Accessories and technical data in chapter 1.10. Further cable lengths on request.								

# Round plug connector M12

Connection cable  
M12 - M12

Y Distributor  
Male, straight

Female  
straight



Approvals:

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40701</b>			<b>40721</b>				
	Suppression/Circuit diagram	4-pole			4-pole					
	<p>Contact layout</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>YMale</p> </div> <div style="text-align: center;"> <p>Female</p> </div> </div>			<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>YMale</p> </div> <div style="text-align: center;"> <p>Female</p> </div> </div>						
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			<b>Jacket color</b>					
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black			
	PVC	013	213	613	013	213	613			
	PUR/PVC	023	223	623	023	223	623			
	PUR (UL/CSA-listed)	033	233	633	033	233	633			
	Suitable for robot cable (irradiated)	053	253	653	053	253	653			
<b>3</b>	<b>Cable length</b>									
	0.3 m	0030								
	0.6 m	0060								
	1.0 m	0100								
	1.5 m	0150								
	2.0 m	0200								
<b>Your article no.</b>										
The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid gray; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <div style="border-top: 1px dashed gray; width: 100px; height: 20px;"></div> <div style="font-size: 20px;">-</div> <div style="border-top: 1px dashed gray; width: 100px; height: 20px;"></div> <div style="font-size: 20px;">-</div> <div style="border-top: 1px dashed gray; width: 100px; height: 20px;"></div> <div style="border-top: 1px dashed gray; width: 100px; height: 20px;"></div> </div>									
	<b>1</b>	<b>Form</b>			<b>2</b>	<b>Cable type</b>		<b>3</b>	<b>Cable length</b>	

Round plug connector M12

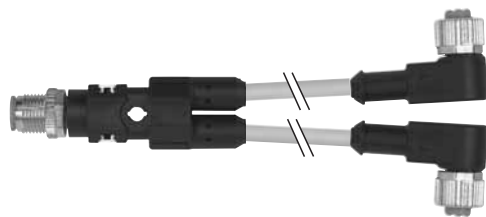
**Notes**  
Accessories and technical data in chapter 1.10.  
Further cable lengths on request.

# Round plug connector M12

Connection cable  
M12 - M12

Y Distributor  
Male, straight

Female  
90°



Approvals:



Round plug connector M12

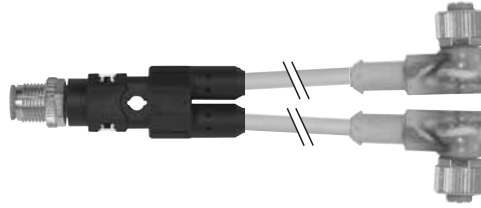
1	Form	No.	4 0 7 4 1	4 0 7 6 1							
	Suppression/Circuit diagram	4-pole									
	Contact layout										
2	Cable type	Jacket color									
	Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black				
	PVC	013	213	613	013	213	613				
	PUR/PVC	023	223	623	023	223	623				
	PUR (UL/CSA-listed)	033	233	633	033	233	633				
	Suitable for robot cable (irradiated)	053	253	653	053	253	653				
3	Cable length										
	0.3 m	0030									
	0.6 m	0060									
	1.0 m	0100									
	1.5 m	0150									
	2.0 m	0200									
	Your article no.										
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid gray; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 40px; background-color: #d3d3d3;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 40px; background-color: #d3d3d3;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 40px; background-color: #d3d3d3;"></div> </div>									
		1	Form		2	Cable type		3	Cable length		
Notes	Accessories and technical data in chapter 1.10. Further cable lengths on request.										

# Round plug connector M12

Connection cable  
M12 - M12

Y Distributor  
Male, straight

Female  
90°, with LED



Approvals:

1	Form	No.	40781	40801																																				
	Suppression/Circuit diagram		4-pole with 2 x LED (PNP)	4-pole with 2 x LED (PNP)																																				
			<p>(NPN) on request</p>	<p>(NPN) on request</p>																																				
	Contact layout																																							
2	Cable type	Jacket color	<table border="1"> <thead> <tr> <th style="background-color: #d3d3d3;">Wire diameter 0.34 mm<sup>2</sup></th> <th style="background-color: #ffff00;">yellow</th> <th style="background-color: #cccccc;">gray</th> <th style="background-color: #333333;">black</th> <th style="background-color: #ffff00;">yellow</th> <th style="background-color: #cccccc;">gray</th> <th style="background-color: #333333;">black</th> </tr> </thead> <tbody> <tr> <td>PVC</td> <td style="background-color: #ffff00;">013</td> <td style="background-color: #cccccc;">213</td> <td style="background-color: #333333;">613</td> <td style="background-color: #ffff00;">013</td> <td style="background-color: #cccccc;">213</td> <td style="background-color: #333333;">613</td> </tr> <tr> <td>PUR/PVC</td> <td style="background-color: #ffff00;">023</td> <td style="background-color: #cccccc;">223</td> <td style="background-color: #333333;">623</td> <td style="background-color: #ffff00;">023</td> <td style="background-color: #cccccc;">223</td> <td style="background-color: #333333;">623</td> </tr> <tr> <td>PUR (UL/CSA-listed)</td> <td style="background-color: #ffff00;">033</td> <td style="background-color: #cccccc;">233</td> <td style="background-color: #333333;">633</td> <td style="background-color: #ffff00;">033</td> <td style="background-color: #cccccc;">233</td> <td style="background-color: #333333;">633</td> </tr> <tr> <td>Suitable for robot cable (irradiated)</td> <td style="background-color: #ffff00;">053</td> <td style="background-color: #cccccc;">253</td> <td style="background-color: #333333;">653</td> <td style="background-color: #ffff00;">053</td> <td style="background-color: #cccccc;">253</td> <td style="background-color: #333333;">653</td> </tr> </tbody> </table>			Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black	PVC	013	213	613	013	213	613	PUR/PVC	023	223	623	023	223	623	PUR (UL/CSA-listed)	033	233	633	033	233	633	Suitable for robot cable (irradiated)	053	253	653	053	253	653
Wire diameter 0.34 mm <sup>2</sup>	yellow	gray	black	yellow	gray	black																																		
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PUR (UL/CSA-listed)	033	233	633	033	233	633																																		
Suitable for robot cable (irradiated)	053	253	653	053	253	653																																		
3	Cable length	<table border="1"> <tbody> <tr> <td>0.3 m</td> <td>0030</td> </tr> <tr> <td>0.6 m</td> <td>0060</td> </tr> <tr> <td>1.0 m</td> <td>0100</td> </tr> <tr> <td>1.5 m</td> <td>0150</td> </tr> <tr> <td>2.0 m</td> <td>0200</td> </tr> </tbody> </table>			0.3 m	0030	0.6 m	0060	1.0 m	0100	1.5 m	0150	2.0 m	0200																										
0.3 m	0030																																							
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1.0 m	0100																																							
1.5 m	0150																																							
2.0 m	0200																																							
	Your article no.	<div style="border: 1px solid gray; padding: 5px; display: flex; align-items: center;"> <span style="font-size: 24px; margin-right: 10px;">7 0 0 0</span> <span style="font-size: 24px; margin-right: 10px;">-</span> <span style="border: 1px solid gray; padding: 5px 20px; font-size: 24px;">-</span> <span style="font-size: 24px; margin-right: 10px;">-</span> <span style="border: 1px solid gray; padding: 5px 20px; font-size: 24px;">-</span> <span style="font-size: 24px; margin-right: 10px;">-</span> <span style="border: 1px solid gray; padding: 5px 20px; font-size: 24px;">-</span> </div> <p style="margin-top: 5px;">Murrelektronik Standard</p>																																						
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="border: 1px solid gray; padding: 5px; text-align: center;">1 Form</div> <div style="border: 1px solid gray; padding: 5px; text-align: center;">2 Cable type</div> <div style="border: 1px solid gray; padding: 5px; text-align: center;">3 Cable length</div> </div>																																						
Notes	<p>Accessories and technical data in chapter 1.10. Further cable lengths on request.</p>																																							



# Round plug connector M12

Connection cable  
M12 - M8

Y Distributor  
Male, straight

Female  
straight



Approvals:

Round plug connector M12

<b>1</b>	<b>Form</b>	<b>No.</b>	<b>40821</b>		
	Suppression/Circuit diagram	4-pole			
	Contact layout				
<b>2</b>	<b>Cable type</b>	<b>Jacket color</b>			
	Wire diameter 0.25 mm <sup>2</sup>	yellow	gray	black	
	PVC	010	210	610	
	PUR/PVC	020	220	620	
	PUR (UL/CSA-listed)	030	230	630	
	Suitable for robot cable (irradiated)	050	250	650	
<b>3</b>	<b>Cable length</b>				
	0.3 m	0030			
	0.6 m	0060			
	1.0 m	0100			
	1.5 m	0150			
	2.0 m	0200			
	<b>Your article no.</b>				
	The composition of your article number is explained on page 1.1.2	<div style="display: flex; align-items: center; gap: 10px;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>7 0 0 0</b> Murrelektronik Standard         </div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #cccccc;"></div> <span>-</span> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #cccccc;"></div> <div style="border: 1px solid gray; width: 60px; height: 30px; background-color: #cccccc;"></div> </div>			
		<b>1</b>	<b>Form</b>	<b>2</b>	<b>Cable type</b>
		<b>3</b>	<b>Cable length</b>		
<b>Notes</b>	Accessories and technical data in chapter 1.10. Further cable lengths on request.				

# Round plug connector M12

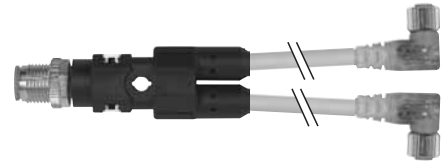
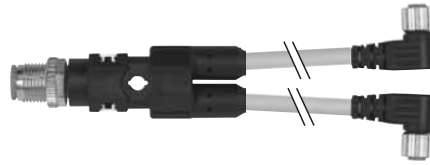
Connection cable  
M12 - M8

Y Distributor  
Male, straight

Female  
90°

Y Distributor  
Male, straight

Female  
90°, with LED



Approvals:

1	Form	No.	40841	40861
	Suppression/Circuit diagram	4-pole		4-pole with 2 x LED (PNP)
	Contact layout			<p>(NPN) on request</p>
2	Cable type	Jacket color		
	Wire diameter 0.25 mm <sup>2</sup>	yellow	gray	black
	PVC	010	210	610
	PUR/PVC	020	220	620
	PUR (UL/CSA-listed)	030	230	630
	Suitable for robot cable (irradiated)	050	250	650
3	Cable length			
	0.3 m	0030		
	0.6 m	0060		
	1.0 m	0100		
	1.5 m	0150		
	2.0 m	0200		
	Your article no.			
	The composition of your article number is explained on page 1.1.2			
		1	2	3
		Form	Cable type	Cable length
Notes				
Accessories and technical data in chapter 1.10. Further cable lengths on request.				

Round plug connector M12

# Round plug connector M12

Connection cable  
M12 - M12

T-coupler  
Male, straight to  
Female, straight



Round plug connector M12

1	Form	No.	4 1 1 2 1	4 1 1 4 1	4 1 1 6 1	4 1 1 8 1
---	------	-----	-----------	-----------	-----------	-----------

Suppression/Circuit diagram	5-pole	5-pole	4-pole	5-pole
	<p>1. Female M12 2. Female</p> <p>Male M12</p>	<p>1. Female M12 2. Female</p> <p>Male M12</p>	<p>1. Female M12 2. Female</p> <p>Male M12</p>	<p>1. Female M12 2. Female</p> <p>Male M12</p>

Contact layout								
	Male	Female	Male	Female	Male	Female	Male	Female

Technical data	
Supply voltage	125 V AC/DC
Supply current	4 A
Contact resistance	≤ 5 mOhm
Test voltage	0.8 kV <sub>eff</sub>
Protection	IP67 when plugged and screwed down (EN 60529)
Temperature range	-25...+85 °C
Dimensions (H x W x D)	45 x 35 x 15 mm

**Your article no.**

The composition of your article number is explained on page 1.1.2	<span style="border: 1px solid black; padding: 2px 5px;">7</span> <span style="border: 1px solid black; padding: 2px 5px;">0</span> <span style="border: 1px solid black; padding: 2px 5px;">0</span> <span style="border: 1px solid black; padding: 2px 5px;">0</span> - <span style="border: 1px solid black; padding: 2px 5px;">_</span> <span style="border: 1px solid black; padding: 2px 5px;">_</span> <span style="border: 1px solid black; padding: 2px 5px;">_</span> <span style="border: 1px solid black; padding: 2px 5px;">_</span> - <span style="border: 1px solid black; padding: 2px 5px;">0</span> <span style="border: 1px solid black; padding: 2px 5px;">0</span> <span style="border: 1px solid black; padding: 2px 5px;">0</span> <span style="border: 1px solid black; padding: 2px 5px;">0</span>
	<b>Murrelektronik Standard</b>

**1 Form**

**Notes**

Accessories and technical data in chapter 1.10.

# Round plug connector M12

Connection cable  
M12 - M8

T-coupler  
Male, straight to  
Female, straight



1	Form	No.	4 1 2 0 1	4 1 2 2 1		
	Suppression/Circuit diagram		<p><b>4-pole</b></p> <p>1. Female M8 2. Female</p> <p>1 3 4</p> <p>1 2 3 4</p> <p>Male M12</p>	<p><b>3-pole</b></p> <p>1. Female M8 2. Female</p> <p>1 3 4</p> <p>1 3 4</p> <p>Male M12</p>		
	Contact layout		<p>Male Female</p> <p>4 3 1 2 5 4 3 1</p>	<p>Male Female</p> <p>4 3 1 2 5 4 3 1</p>		
<b>Technical data</b>						
	Supply voltage		24 V AC/DC			
	Supply voltage		4 A			
	Contact resistance		≤ 5 mOhm			
	Test voltage		0.8 kV <sub>eff</sub>			
	Protection		IP67 when plugged and screwed down (EN 60529)			
	Temperature range		-25...+85 °C			
	Dimensions (H x W x D)		45 x 33 x 15 mm			
<b>Your article no.</b>						
	The composition of your article number is explained on page 1.1.2		<div style="border: 1px solid black; padding: 2px; display: inline-block;">7 0 0 0</div> <span style="font-size: 2em; margin: 0 10px;">-</span> <div style="border: 1px solid black; padding: 2px; display: inline-block; width: 60px; height: 20px; margin: 0 10px;"></div> <span style="font-size: 2em; margin: 0 10px;">-</span> <div style="border: 1px solid black; padding: 2px; display: inline-block;">0 0 0</div> <div style="border: 1px solid black; padding: 2px; display: inline-block; margin-left: 20px;">0 0 0 0</div>			
			1 Form			
<b>Notes</b>						
			Accessories and technical data in chapter 1.10.			