

# ROUND PLUG CONNECTOR M12

Connection cable

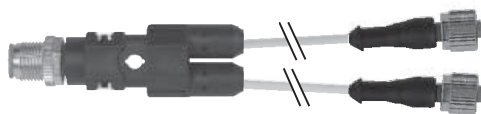
– M12 - M12

Y-distributor

Male, straight

Females

Straight



Approvals:



1 Form	No.	40701	40721				
Suppression		4-pole	4-pole				
Circuit diagram							
Contact layout		<p>Y-Male      Females</p>	<p>Y-Male      Females</p>				
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
Robot cable (welding spark resistant) *	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						
Article no.							
The composition of your article number is explained on page 3.1.2		<p><b>7 0 0 0</b> - - - - -</p>					
		<p><b>7 0 0 5</b>      M12 Lite – Round plug connector with plastic hexagonal screw</p>					
		<b>1</b> Form	<b>2</b> Cable type	<b>3</b> Cable length			
Notes	<p>Technical data in chapter 3.11. Accessories on page 3.2.56 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>						

# ROUND PLUG CONNECTOR M12

Connection cable

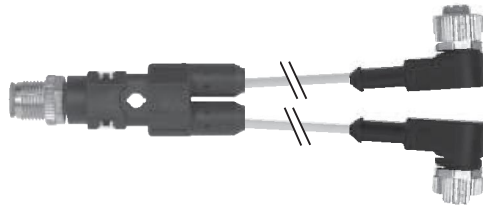
- M12 - M12

Y-distributor

Male, straight

Females

90°



Approvals:



<b>1</b> Form	No.	<b>40741</b>	<b>40761</b>				
	Suppression	4-pole	4-pole				
	Circuit diagram						
Contact layout							
<b>2</b> Cable type	Jacket color	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
Robot cable (welding spark resistant) *	053	253	653	053	253	653	
<b>3</b> Cable length							
	0.3 m	0030					
	0.6 m	0060					
	1.0 m	0100					
	1.5 m	0150					
	2.0 m	0200					
Article no.							
The composition of your article number is explained on page 3.1.2	<u>7</u> <u>0</u> <u>0</u> <u>0</u> - - - - -						
	<u>7</u> <u>0</u> <u>0</u> <u>5</u> M12 Lite – Round plug connector with plastic hexagonal screw						
	<b>1</b> Form	<b>2</b> Cable type	<b>3</b> Cable length				
Notes	<p>Technical data in chapter 3.11. Accessories on page 3.2.56          Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>						

# ROUND PLUG CONNECTOR M12

Connection cable

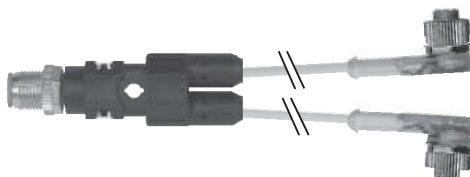
- M12 - M12

Y-distributor

Male, straight

Females

90°, with LED



Approvals:



1 Form	No.	40781	40801
Suppression		4-pole with 2 x LED (PNP)	4-pole with 2 x LED (PNP)
Circuit diagram		<p>(NPN) on request</p>	<p>(NPN) on request</p>
Contact layout		<p>Y-Male Females</p>	<p>Y-Male Females</p>
2 Cable type		<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
Robot cable (welding spark resistant) *		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	
Article no.			
The composition of your article number is explained on page 3.1.2		<p><b>7 0 0 0</b> - - - - -</p> <p><b>7 0 0 5</b> M12 Lite – Round plug connector with plastic hexagonal screw</p>	
		<b>1 Form</b>	<b>2 Cable type</b>
			<b>3 Cable length</b>
Notes		<p>Technical data in chapter 3.11. Accessories on page 3.2.56 Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>	

Round plug connector M12

# ROUND PLUG CONNECTOR M12

Connection cable

- M12 - M8

Y-distributor

Male, straight

Females

Straight



Approvals:



Round plug connector M12	<b>1 Form</b>	No. <b>40821</b>		
	Suppression	4-pole		
	Circuit diagram			
Contact layout	<p>Y-Male      Females</p>			
<b>2 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	
Robot cable (welding spark resistant) *		050	250	650
<b>3 Cable length</b>				
0.3 m	0030			
0.6 m	0060			
1.0 m	0100			
1.5 m	0150			
2.0 m	0200			
<b>Article no.</b>				
The composition of your article number is explained on page 3.1.2	<div style="display: flex; justify-content: space-around; align-items: center;"> <span style="border-bottom: 1px solid black; padding: 0 5px;">7</span> <span style="border-bottom: 1px solid black; padding: 0 5px;">0</span> <span style="border-bottom: 1px solid black; padding: 0 5px;">0</span> <span style="border-bottom: 1px solid black; padding: 0 5px;">0</span> <span style="font-size: 2em;">-</span> <span style="border-bottom: 1px solid black; padding: 0 5px;"> </span> <span style="font-size: 2em;">-</span> <span style="border-bottom: 1px solid black; padding: 0 5px;"> </span> <span style="border-bottom: 1px solid black; padding: 0 5px;"> </span> </div>			
	<b>1 Form</b>	<b>2 Cable type</b>	<b>3 Cable length</b>	
<b>Notes</b>	<p>Technical data in chapter 3.11. Accessories on page 3.2.56  Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>			

# ROUND PLUG CONNECTOR M12

Connection cable

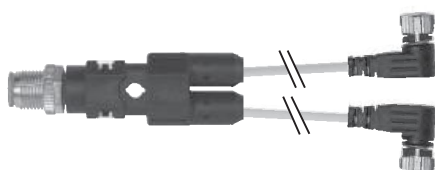
- M12 - M8

Y-distributor

Male, straight

Females

90°

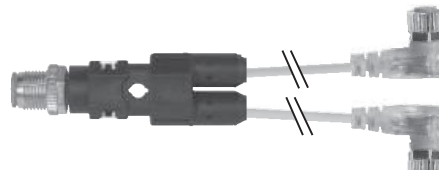


Y-distributor

Male, straight

Females

90°, with LED

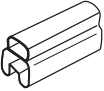


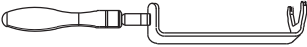
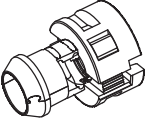


Approvals:



1 Form		No. 40841			40861		
Suppression		4-pole			4-pole with 2 x LED (PNP)		
Circuit diagram							
Contact layout		<p>Y-Male      Females.</p>			<p>Y-Male      Females.</p>		
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	010	210	610
PUR/PVC		020	220	620	020	220	620
PUR (UL/CSA-listed) *		030	230	630	030	230	630
Robot cable (welding spark resistant) *		050	250	650	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					
Article no.							
The composition of your article number is explained on page 3.1.2		7 0 0 0 - - - - -			- - - - -		
		1 Form		2 Cable type		3 Cable length	
Notes		<p>Technical data in chapter 3.11. Accessories on page 3.2.56                      Differing cable lengths up to 2 m can be ordered in 0.2 m steps, from 2 m on in 0.5 m steps.</p>					

## ACCESSORIES

Labeling accessories		Art.-No.	suitable for
	Slip-on cable sleeves (for label plates 4 x 18 mm)	7000-99004-000 0000	Cable diameter 4.0...6.5 mm
	Snap-on cable sleeves (for label plates 4 x 18 mm)	7000-99005-000 0000 7000-99006-000 0000	Cable diameter 4.2...5.6 mm Cable diameter 5.0...7.0 mm
	ACS label plates, self marking 4 x 18 mm	7000-99002-000 0000	Cable sleeves on cables
Mounting accessories		Art.-No.	suitable for
	M8 torque wrench (torque calibrated 0.4 Nm) M12 torque wrench (torque calibrated 0.6 Nm) M12 torque wrench SW 18	7000-99101-000 0000 7000-99102-000 0000 7000-99103-000 0000	Round plug connector M8 Round plug connector M12 Round plug connector M12, field-wireable with screw connection
End fitting accessories		Art.-No.	suitable for
	Snap-on adapter for conduits (NG 13)	7000-99081-000 0000	Plug connector with cable (cable diameter 4.0...7.0 mm)
<b>Notes</b>			

| **NOTES**

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.

## T-COUPLER

### Connection cable



**T-coupler**  
Male M12

**T-coupler**  
Females M8  
Females M12



**T-coupler (slimline)**  
Male M12

**T-coupler (slimline)**  
Females M8  
Females M12

from page 3.6.2



**Power distributor**  
Male 7/8"

**Power distributor**  
Females 7/8"

page 3.6.6



# T-COUPLER

Connection cable

- M12 - M12

## T-coupler

Male, straight to  
females, straight



Approvals:



1 Form	No.	41121	41141	41161	41181
Suppression		5-pole	5-pole	4-pole	5-pole
Circuit diagram		<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		<p>Male Females</p>	<p>Male Females</p>	<p>Male Females</p>	<p>Male Females</p>
<b>Technical data</b>					
Supply voltage		60 V AC/DC			
Supply current per contact (40 °C)		max. 4 A			
Protection		IP67 when plugged and screwed down (EN 60529)			
Temperature range		-25...+85 °C			
Dimensions	H x W x D	45 x 36 x 15 mm			
<b>Article no.</b>					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		<b>1</b> Form			
<b>Notes</b>		Technical data in chapter 3.11.			

# T-COUPLER

Connection cable

– M12 - M8

## T-coupler

Male, straight to  
females, straight



Approvals:



1 Form	No.	41201	41221		
Suppression		4-pole	3-pole		
Circuit diagram		<p>1. female M8 2. female</p> <p>Male M12</p>	<p>1. female M8 2. female</p> <p>Male M12</p>		
Contact layout		<p>Male Females.</p>	<p>Males Females.</p>		
<b>Technical data</b>					
Supply voltage		30 V AC/DC			
Supply current per contact (40 °C)		max. 4 A			
Protection		IP67 when plugged and screwd down (EN 60529)			
Temperature range		-25...+85 °C			
Dimensions	H x W x D	42 x 33 x 15 mm			
<b>Article no.</b>					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		<b>1 Form</b>			
Notes		Technical data in chapter 3.11.			

T-coupler

# T-COUPLER

Connection cable

- M12 - M12

**T-coupler (slimline)**

Male, straight to  
females, straight, fixed



Approvals:



1 Form	No.	41131	41151	41191	41135
Suppression		5-pole	5-pole	5-pole	5-pole with 3 x LED (PNP)
Circuit diagram		<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		<p>Male Females</p>	<p>Male Females</p>	<p>Male Females</p>	<p>Male Females</p>
<b>Technical data</b>					
Supply voltage		60 V AC/DC			24 V DC
Supply current per contact (40 °C)		max. 4 A			
Protection		IP67 when plugged and screwed down (EN 60529)			
Temperature range		-25...+85 °C			
Dimensions H x W x D		45 x 32.3 x 15 mm			
<b>Accessories</b>					<b>Art.-No.</b>
Holding plate		for T-coupler (screw fixing)			7000-99061-000 0000
Holding plate and mounting set		for profile systems			7000-99062-000 0000
<b>Article no.</b>					
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		<b>1 Form</b>			
<b>Notes</b>		Technical data in chapter 3.11.			

# T-COUPLER

Connection cable

– M12 - M8

## T-coupler (slimline)

Male, straight to  
females, straight



Approvals:



1 Form	No.	41211	41231	
Suppression		4-pole	3-pole	
Circuit diagram		<p>1. female M8 2. female</p> <p>Male M12</p>	<p>1. female M8 2. female</p> <p>Male M12</p>	
Contact layout		<p>Male Females.</p>	<p>Males Females.</p>	
<b>Technical data</b>				
Supply voltage		30 V AC/DC		
Supply current per contact (40 °C)		max. 4 A		
Protection		IP67 when plugged and screwd down (EN 60529)		
Temperature range		-25...+85 °C		
Dimensions H x W x D		42 x 32.3 x 15 mm		
<b>Accessories</b>				
Holding plate		for T-coupler (screw fixing)		Art.-No. 7000-99061-000 0000
Holding plate and mounting set		for profile systems		7000-99062-000 0000
<b>Article no.</b>				
The composition of your article number is explained on page 3.1.2		<u>7</u> <u>0</u> <u>0</u> <u>0</u>	-	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
				<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		<b>1</b> Form		
Notes		Technical data in chapter 3.11.		

T-coupler

# T-COUPLER

Connection cable

- 7/8" - 7/8"

Power distributor

Male, straight to  
females, straight



Approvals:



T-coupler

<b>1</b>	<b>Form</b>	<b>No. 50061</b>	
	<b>Suppression</b>	5-pole	
	<b>Circuit diagram</b>		
	<b>Contact layout</b>		
<b>Technical data</b>			
	Supply voltage	50 V AC/DC	
	Supply current per contact (40 °C)	max. 8 A	
	Protection	IP67 when plugged and screwd down (EN 60529)	
	Temperature range	-20...+ 80 °C	
<b>Article no.</b>			
	The composition of your article number is explained on page 3.1.2	<u>7</u> <u>0</u> <u>0</u> <u>0</u> - <u>5</u> <u>0</u> <u>0</u> <u>6</u> <u>1</u> - <u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u> <u>0</u>
		<b>1</b> Form	
<b>Notes</b>			

| **NOTES**

A large grid of graph paper for taking notes, consisting of 20 columns and 30 rows of small squares.