



## T-COUPLERS VERSATILE ADAPTERS

- Slimline saves space
- Minimizes wiring efforts
- Many different configurations



### T-COUPLERS FOR PERFECT SYSTEM INSTALLATIONS

Increasingly, automation requires a large number of sensors and with each sensor comes more wiring.

By using T-couplers you reduce the number of cables required and you can combine inputs and outputs depending on the application. Thanks to the slim design, you can connect several M12 ports to our Cube module. The handy torque wrench makes installation easy even in tight spaces and guarantees IP67 seals.

The slimline T-couplers feature a new female screw connection which makes the connection even safer and easier.

#### Connections

	<b>M12 male</b> T-coupler	<b>M8 female</b> M12 female T-coupler	Page 3.3.1
	<b>M12 male</b> T-coupler (slimline)	<b>M8 female</b> M12 female T-Coupler (slimline)	Page 3.3.2
	<b>7/8" male</b> Power distributor	<b>7/8" female</b> Power distributor	Page 3.3.5

### T-COUPLERS M8, M12, 7/8"

Connection cables

– M12 - M8

T-coupler

Male straight to female straight



Approvals: **UL** US Listed



1 Form	4 1 2 0 1	4 1 2 2 1
Type	4-pole	3-pole
Circuit diagram	<p>1. female M8 2. female M12</p> <p>Male M12</p>	<p>1. female M8 2. female M12</p> <p>Male M12</p>
Contact layout	<p>Female 1 2 3 4</p> <p>Male 1 2 3 4</p>	<p>Female 1 2 3</p> <p>Male 1 2 3 4</p>
Technical Data	<p>Operating voltage max. 60 V AC/DC</p> <p>Operating current per contact max. 4 A</p> <p>Locking of ports Screw thread M8/M12 x 1 mm (recommended torque 0.4/0.6 Nm), self-securing</p> <p>Protection IP65 and IP67 when plugged and screwed down (EN 60529)</p> <p>Temperature range -25...+85 °C</p>	
Article No.	<p>The composition of your article number is explained on page 3.1.1</p> <p><b>7 0 0 0 - - - - - 0 0 0 0 0 0 0 0</b></p>	
	<p><b>1 Form</b></p>	

Notes

Other versions on request.

## T-COUPLERS M8, M12, 7/8"

Connection cables

– M12 - M8

T-coupler (Slimline)

Male straight to female straight



Approvals:

1 Form	4 1 2 1 1	4 1 2 3 1	
	Type	4 pole	3 pole
Circuit diagram	<p>1. female M8 2. female M8 Male M12</p>	<p>1. female M8 2. female M8 Male M12</p>	
Contact layout			
Holding plate	7000 99061 0000000		
Holding plate and mounting set	7000 99062 0000000		
<b>Technical Data</b>			
Operating voltage	max. 60 V AC/DC		
Operating current per contact	max. 4 A		
Locking of ports	Screw thread M8/M12 x 1 mm (recommended torque 0.4/0.6 Nm), self-securing		
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)		
Temperature range	-25...+85 °C		
<b>Article No.</b>			
The composition of your article number is explained on page 3.1.1	7 0 0 0	0 0 0	0 0 0 0
	1 Form		
<b>Notes</b>	Other versions on request.		

## T-COUPLERS M8, M12, 7/8"

Connection cables

– M12 - M12

T-coupler

Male straight to female straight



Approvals:

1 Form	4 1 1 2 1	4 1 1 4 1	4 1 1 6 1	4 1 1 8 1
	Type	5 pole	5 pole	4 pole
Circuit diagram	<p>1. female M12 2. female M12 Male M12</p>	<p>1. female M12 2. female M12 Male M12</p>	<p>1. female M12 2. female M12 Male M12</p>	<p>1. female M12 2. female M12 Male M12</p>
Contact layout				
<b>Technical Data</b>				
Operating voltage	max. 60 V AC/DC			
Operating current per contact	max. 4 A			
Locking of ports	Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing			
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)			
Temperature range	-25...+85 °C			
<b>Article No.</b>				
The composition of your article number is explained on page 3.1.1	7 0 0 0	0 0 0	0 0 0 0	0 0 0 0
	1 Form			
<b>Notes</b>	Other versions on request.			

## T-COUPLERS M8, M12, 7/8"

Connection cables

- M12 - M12

T-coupler (Slimline)

Male straight to female straight



Approvals:

T-couplers M8, M12, 7/8"

1 Form	4 1 1 3 1	4 1 1 5 1	4 1 1 9 1	4 1 1 3 5
Type	5-pole	5-pole	5-pole	5-pole with 3 × LED (PNP)
Circuit diagram				
Contact layout				
Holding plate	7000 99061 0000000			
Holding plate and mounting set	7000 99062 0000000			
<b>Technical Data</b>				
Operating voltage	max. 60 V AC/DC			24 V DC ±25 %
Operating current per contact	max. 4 A			
Loading of ports	Screw thread M12 × 1 mm (recommended torque 0.6 Nm) self-securing			
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)			
Temperature range	-25...+85 °C			
<b>Article No.</b>				
The composition of your article number is explained on page 3.1.1	<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

Other versions on request.

## T-COUPLERS M8, M12, 7/8"

Connection cables

- 7/8" - 7/8"

T-coupler

Male straight to female straight



Approvals:

T-couplers M8, M12, 7/8"

1 Form	5 0 0 6 1	
Type	5-pole	
Circuit diagram		
Contact layout		
<b>Technical Data</b>		
Operating voltage	max. 50 V AC/DC	
Operating current per contact	max. 8 A	
Protection	IP65 and IP67 when plugged and screwed down (EN 60529)	
Temperature range	-20...+80 °C	
<b>Article No.</b>		
The composition of your article number is explained on page 3.1.1	<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 Form</b>	

Notes

Other versions on request.