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

M12 male
T-coupler

M8 female
M12 female
T-coupler

Page 3.3.1

M12 male
T-coupler (slimline)

M8 female
M12 female
T-Coupler (slimline)

Page 3.3.2

7/8" male
Power distributor

7/8" female
Power distributor

Page 3.3.5

Connection cables

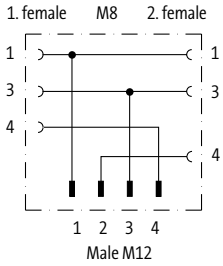
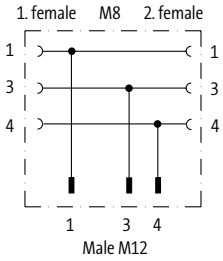
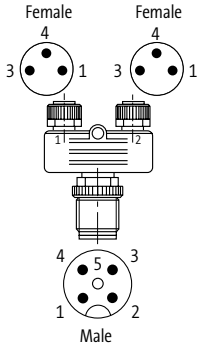
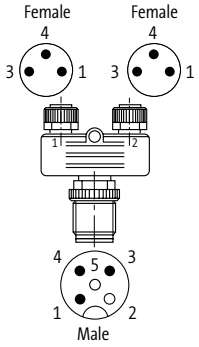
– M12 - M8

Approvals:

T-coupler

Male straight to female straight

1 Form

	41201	41221
Type	**4-pole**	**3-pole**
Circuit diagram		
Contact layout		

Technical Data

Operating voltage	max. 60 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread M8/M12 × 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

Article No.

The composition of your article number is explained on page 3.1.i

7000	– _____	– 000	0000
	1 Form		

Notes

Other versions on request.

T-COUPLERS M8, M12, 7/8"

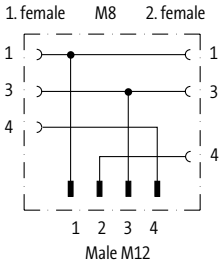
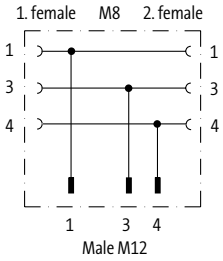
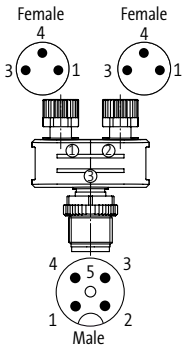
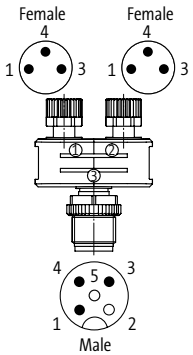
Connection cables

– M12 - M8

Approvals: cULus Listed

T-coupler (Slimline)

Male straight to female straight

1 Form	41211	41231
Type	**4-pole**	**3-pole**
Circuit diagram		
Contact layout		
Holding plate	**7000-99061-0000000**	
Holding plate and mounting set	**7000-99062-0000000**	

Technical Data

Operating voltage	max. 60 V AC/DC
Operating current per contact	max. 4 A
Locking of ports	Screw thread M8/M12 × 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

Article No.

The composition of your article number is explained on page 3.1.i

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	1 Form		

Notes

Other versions on request.

Connection cables

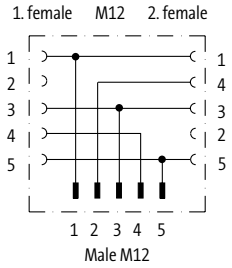
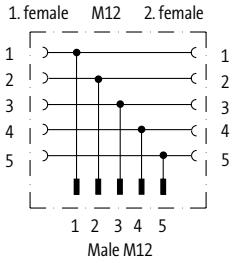
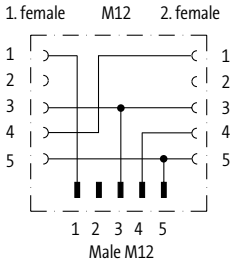
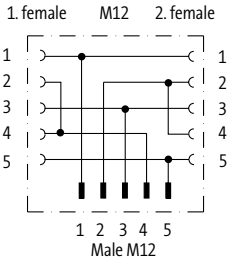
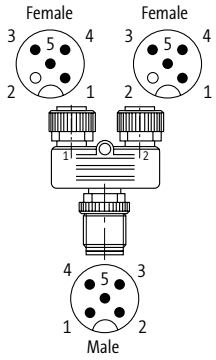
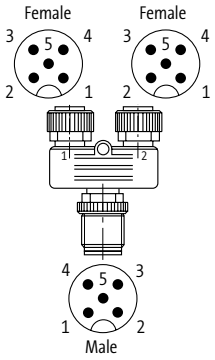
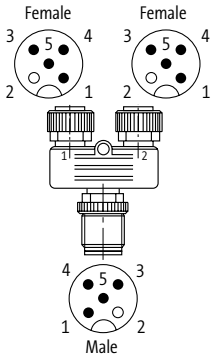
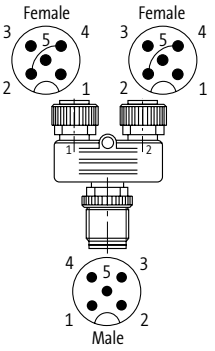
– M12 - M12

T-coupler

Male straight to female straight

Approvals:

1 Form

	41121	41141	41161	41181
Type	**5-pole**	**5-pole**	**4-pole**	**5-pole**
Circuit diagram				
Contact layout				

Technical Data

Operating voltage	max. 60 V AC/DC
Operating current per contact	max. 4 A
Locking 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

Article No.

The composition of your article number is explained on page 3.1.i

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		1 Form			

Notes

Other versions on request.

T-COUPLERS M8, M12, 7/8"

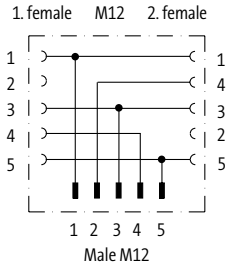
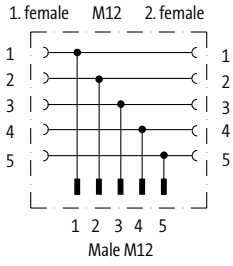
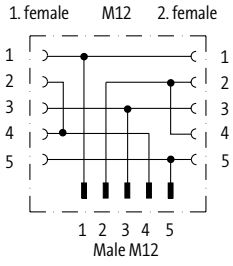
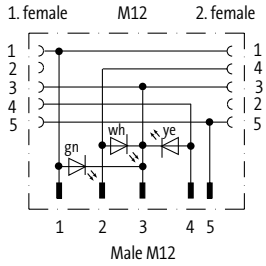
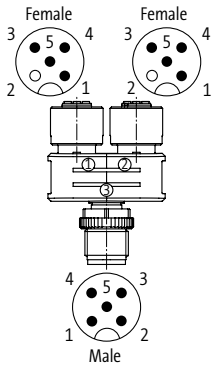
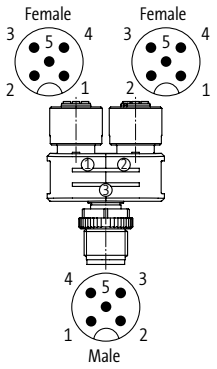
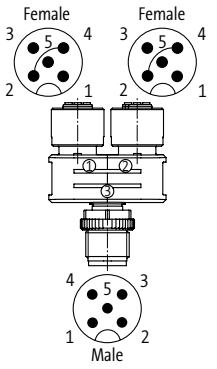
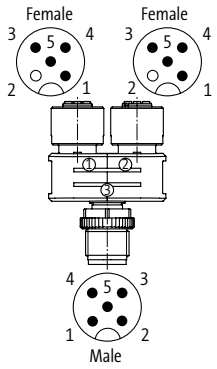
Connection cables

– M12 - M12

T-coupler (Slimline)

Male straight to female straight

Approvals: cULus Listed

1 Form	41131	41151	41191	41135
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**			
Technical Data				
Operating voltage	max. 60 V AC/DC			24 V DC ±25 %
Operating current per contact	max. 4 A			
Locking 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			
Article No.				
The composition of your article number is explained on page 3.1.i	**7 0 0 0 – _ _ _ _ _ – 0 0 0**			**0 0 0 0**
		1 Form		

Notes

Other versions on request.

Connection cables

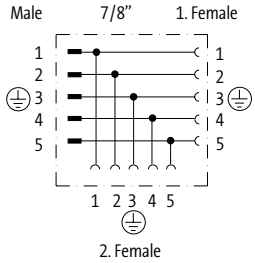
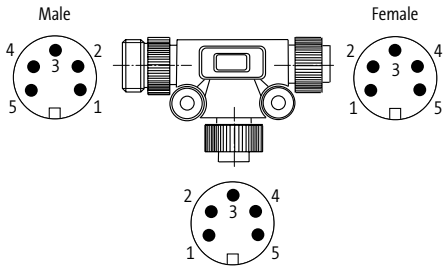
– 7/8"-7/8"

T-coupler

Male straight to female straight

Approvals:

1 Form — 50061

Type	**5-pole**
Circuit diagram	
Contact layout	

Technical Data

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

Article No.

The composition of your article number is explained on page 3.1.i

7000	– 50061	– 000	0000
	1 Form		

Notes

Other versions on request.