



# T-COUPLERS VERSATILE ADAPTERS

SENSORS
INDORPORATED

50 Tellary Street \* Ostano, INV 55328
Phore 755-977-1040 Fee 755-977-1041
Sensormonoporoporo

- 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	M8 female M12 female T-coupler			
_		/	Page 3.3.1		
	<b>M12 male</b> T-coupler (slimline)	MS female M12 female T Coupler (slimline)	Page 3.3.2		
		,	ruge 5.5.2		
	<b>7/8" male</b> Power distributor	<b>7/8" female</b> Power distributor			
		7	Page 3.3.5		

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



#### Connection cables

- M12 - M8

Male straight to temale straight



## Approvals: Cr

Form	41201	41221	
Туре	4-pole	3-pole	
Circuit diagram	1. temale M8 2. temale  1 3 4 1 2 3 4 Male M12	1. temale MS 2. temale  1	
Contact layout	remale female  3	Female  J 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Technical Data	Mate	Male	
Operating voltage	max 60 V AC/DC		
Operating vortage Operating current per contact	max. 4 A		
Locking of ports	Screw thread M8/M12×1 mm (recommended torqu	e 0.4/0.6 Nm), self-securing	
Protection	IP65 and IP67 when plugged and screwed down (EN	60529)	
lemperature range	-25+85 °C		
Article No.			
The composition of your article number is explained on page 3.1.	7000	<u>0 0 0</u>	0000
	1 Form		
\$			
	Other versions on request.		

3.3.1

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

#### Connection cables

- M12 - M8

#### **T-coupler (Slimline)** Male straight to temale straight



Approvals: Cr CUs

-PP	Listed				
1 Form Type Circuit diagram		41211	41231		
	Туре	4-pole	3-pole		
	Circuit diagram	1. tenale M8 2. tenale  1	1. temale MS 2. temale 1 3 3 4 4 3 4 Male M12		
	Contact layout				
		Female  A  J  J  J  J  Male	Female  1 3 1 5 3 3 4 5 5 3 3 4 5 5 3 3 4 5 5 3 3 4 5 5 2 2 Male		
	Holding p ate	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)			
	lemperature range	-25+85 °C			
Article No.					
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		1 Form			
Note	es				
		Other versions on request.			
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## | T-COUPLERS M8, M12, 7/8"

MURR ELEKTRONIK stay connected

Connection cables

- M12 - M12

**T-coupler** Male straight to temale straight



Approvals: 🕞 👊

Form	41121	41141	41161	41181
Туре	5-pole	5-pole	4-pole	5-pole
Circuit diagram	1. temale M12 2. temale 1 2 3 3 4 5 MaleM12	1. temale M12 2. temale 1 2 3 4 4 5 Male M12	1. temale M12 2. temale 1 2 3 4 5 4 5 Male M12	1. ternale M12 2. ternale  1 2 3 4 5 4 5 Made M12 2
Contact layout	Female  Jemale  Jemale	Female  Female	Female  3	female  3  4  3  4  3  4  4  3  4  4  4  3  4  4
Technical Data				
Operating voltage	max 60 V AC/DC			
Operating voltage  Operating current per contact	max. 4 A			
Locking of ports	Screw thread M12 × 1 mm (reco	mmended torque 0.6 Nm) self-securin	g	
Protection	IP65 and IP67 when plugged an	d screwed down (EN 60529)		
lemperature range	-25+85 °C			
Article No.				
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		1 Form		
		1 Form		

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- M12 - M12

T-couplers M8, M12, 7/8"



Approvals: Properties

	_ 5,500					
1	Form	41131	41151	41191	41135	
	Туре	5-pole	5-pole	5-pole	5-pole with 3 × LED (PNP)	
	Circuit diagram	1. temale M12 2. temale 1 2 3 4 5 Male M12	1. temale M12 2. temale 1 2 3 4 5 4 5 Male M12	1. Temale M12 2. temale  1 2 1 3 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1. temale M12 2. temale 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Contact layout	Female Female 3 5 4 3 5 4 2 2 Male	iemale Female  3 1 3 5 4 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Female 3 4 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Female 3 Female 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Holding p ate	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. 60 V AL/DC 125 %  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)				
	lemperature range	-25+85 °C				
	Article No.					
	The composition of your article number is explained on page 3.1.i	7000-		<u> 0 0 0</u>	0000	
			1 Form			
Note						
nore		Other versions on request.				
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### | T-COUPLERS M8, M12, 7/8"

MURR ELEKTRONIK stay connected

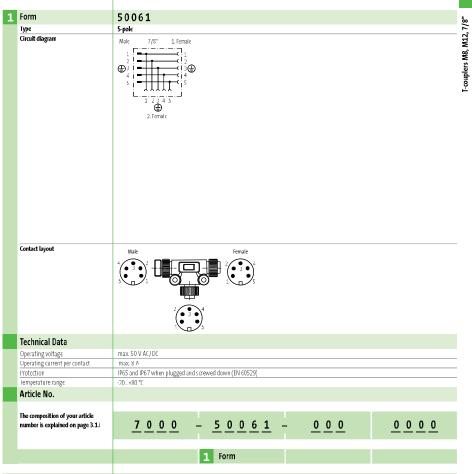
Connection cables
-7/8"-7/8"

Male straight to temale straight



Other versions on request.

Approvals:



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