

## Bus system T-connector - SAC-5P-M12T/2XMIN DN - 1401028

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Bus system T-connector, DeviceNet™, 5-position, unshielded, Plug straight 7/8"-16UNF, on Socket straight M12, coding: A and Plug straight 7/8"-16UNF, Parallel distributor



DeviceNet

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356542623

### Technical data

#### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-40 °C ... 75 °C (Plug / socket)

#### General data

Rated current at 40°C	4 A
Rated voltage	60 V
Rated surge voltage	1500 V
Number of positions	5
Signal type/category	DeviceNet™
Standards/regulations	M12 connector IEC 61076-2-101
Overvoltage category	II
Degree of pollution	3
Alternative short product description	T distributor
Rated voltage in acc. with IEC 61076-2-101	60 V
Contact material	CuZn
Contact carrier material	PA / TPE-U
Contact surface material	AU

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## Technical data

### General data

Degree of protection	IP65/IP67
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### Characteristics head 1

Shielded	no
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### Standards and Regulations

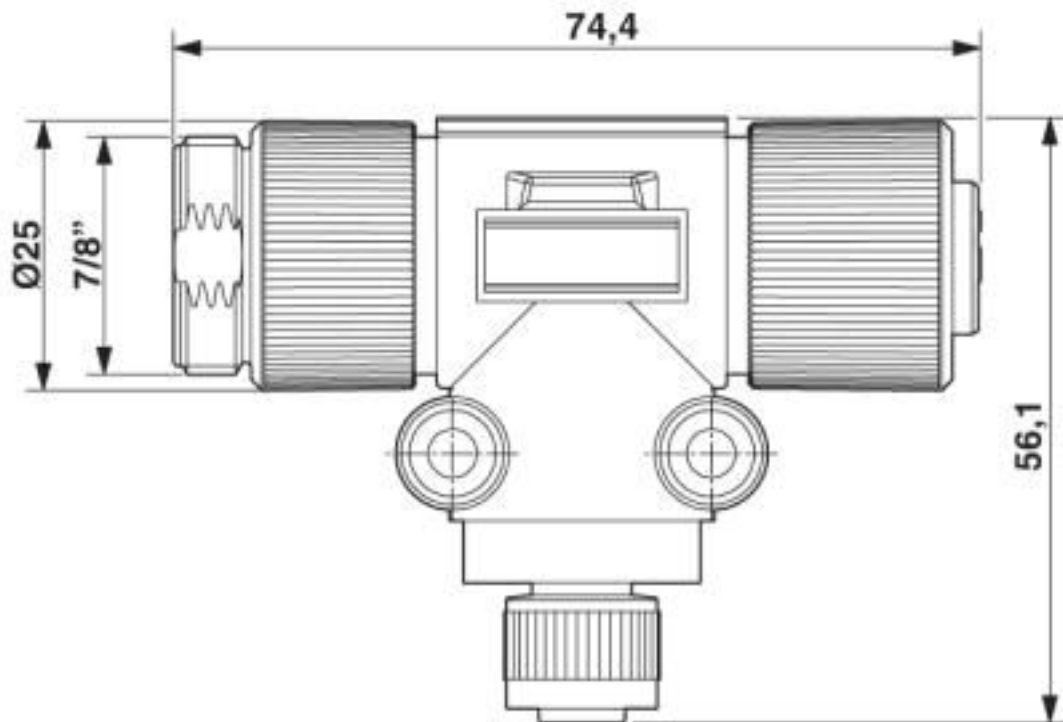
Standards/specifications	M12 connector IEC 61076-2-101
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

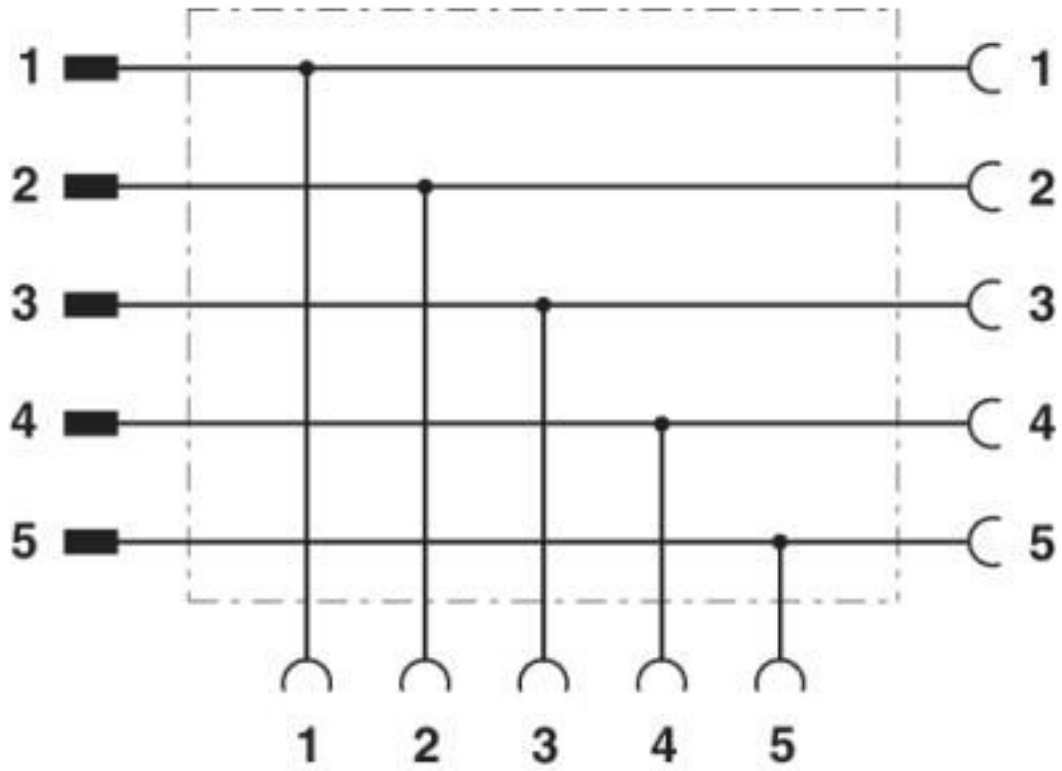
Dimensional drawing



M12 T-distributor on 7/8"

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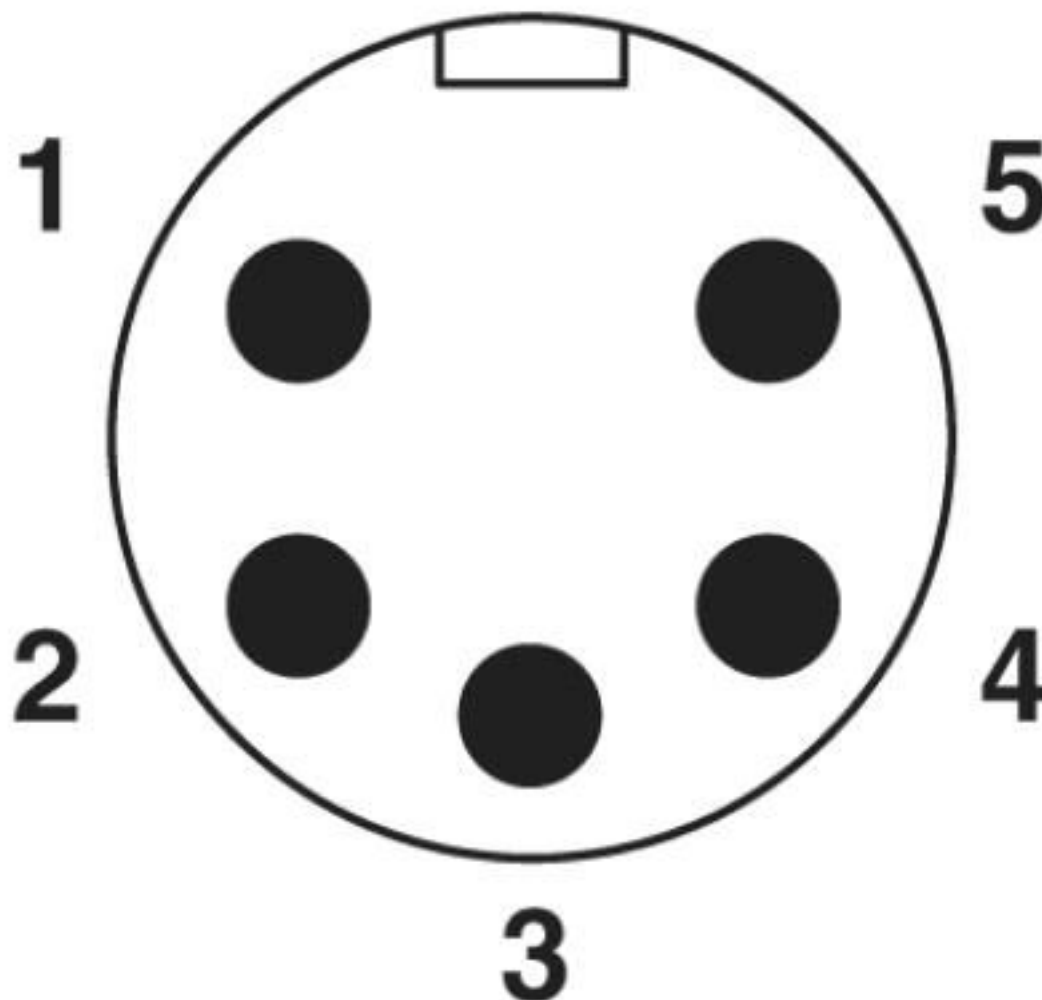
Circuit diagram



Contact assignment of M12 on 7/8" T distributor

## Bus system T-connector - SAC-5P-M12T/2XMIN DN - 1401028

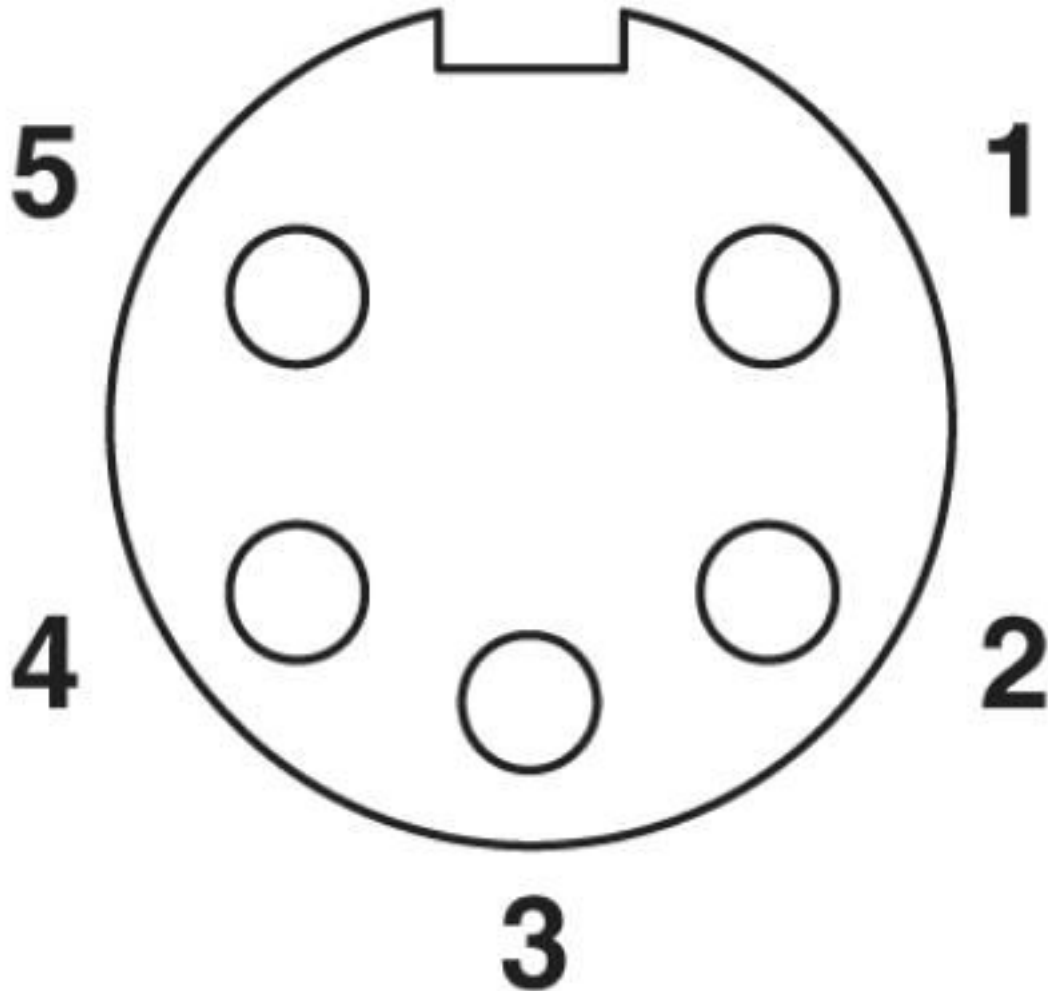
Schematic diagram



Pin assignment, plug, 7/8"-16UNF, 5-pos., view of male side

## Bus system T-connector - SAC-5P-M12T/2XMIN DN - 1401028

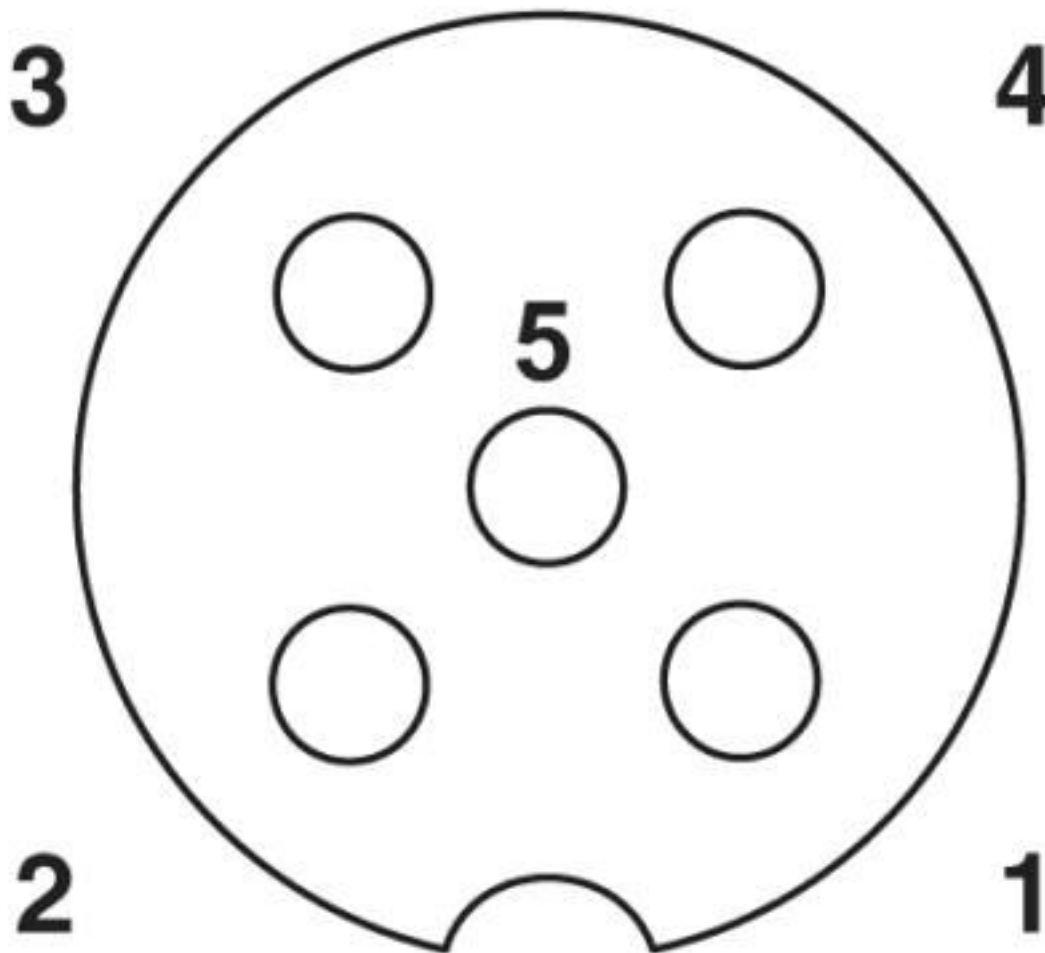
Schematic diagram



Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

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Schematic diagram



Pin assignment of M12 socket, 5-pos.

## Classifications

eCl@ss

eCl@ss 10.0.1	27440106
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700
eCl@ss 6.0	27260700
eCl@ss 7.0	27440102
eCl@ss 8.0	27440102
eCl@ss 9.0	27440106

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## Classifications

### ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC000421
ETIM 5.0	EC002635
ETIM 6.0	EC002925
ETIM 7.0	EC002925

### UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

## Approvals


### Approvals


#### Approvals

UL Listed / cUL Listed / EAC / cULus Listed

#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal voltage UN	60 V		
Nominal current IN	4 A		

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 221474
Nominal voltage UN	60 V		

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### Approvals

Nominal current I <sub>N</sub>	4 A
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EAC		RU C- DE.BL08.B.00511
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cULus Listed	
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### Accessories

#### Accessories

Plug for cable screw gland

Screw plug - PROT-M12 MS-PA-CHAIN - 1430899

M12 sealing cap with fixing band, for sensor cables, for free M12 sockets



Screw plug - PROT-MINMS-PA-CHAIN - 1430925

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" sockets



#### Protective cap

Sealing cap - PROT-MINFS-PA-CHAIN - 1430912

7/8" sealing cap made of plastic with fixing band, for sensor cables, for 7/8" connectors



#### Screwdriver tools



## Bus system T-connector - SAC-5P-M12T/2XMIN DN - 1401028

### Accessories

Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and M12 connectors for assembly, with a knurl diameter of 15 mm, for 4 mm hexagonal drive

Tool - SAC BIT MIN-D25 - 1212512



Nut for assembling 7/8" connectors with a knurl diameter of 25 mm, with 4 mm hexagonal drive

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

### Terminal marking

Zack Marker strip, flat - ZBF 17:UNBEDRUCKT - 0815020



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 17 mm, lettering field size: 17 x 5.2 mm, Number of individual labels: 5

### Torque tool

Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

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### Accessories

Torque screwdriver - TSD 08 SAC - 1212597



Torque screw driver with preset torque of 0.8 Nm, with 4 mm hexagon for accommodating SAC bits, two-component handle with non-slip grip

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Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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