

SAC-5P-MINT/2XMIN DN - Bus system T-connector



1401029

<https://www.phoenixcontact.com/us/products/1401029>

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



Commercial data

Item number	1401029
Packing unit	1 pc
Sales key	BF10
Product key	AF1GCA
GTIN	4046356542616
Weight per piece (including packing)	98.7 g
Weight per piece (excluding packing)	98.7 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	T-distributor
Number of positions	5
No. of cable outlets	2
Shielded	no
Thread type	7/8"

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage U_N	63 V DC
Nominal current I_N	10 A (at 25 °C)

Interfaces

Bus system	DeviceNet™
Signal type/category	DeviceNet™

Signaling

Status display	no
Status display present	no

Material specifications

Flammability rating according to UL 94	HB
Seal material	TPU
Material of grip body	TPU
Contact material	CuZn
Contact surface material	Au
Contact carrier material	PA
Material for screw connection	Zinc die-cast, nickel-plated

Connector

Connection 1

Type	Plug straight 7/8"-16UNF
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Connection 2

Type	Socket straight 7/8"-16UNF
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Connection 3

Type	Socket straight 7/8"-16UNF
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1401029

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Cable/line

Signal type/category	DeviceNet™
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Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 80 °C (Plug / socket)

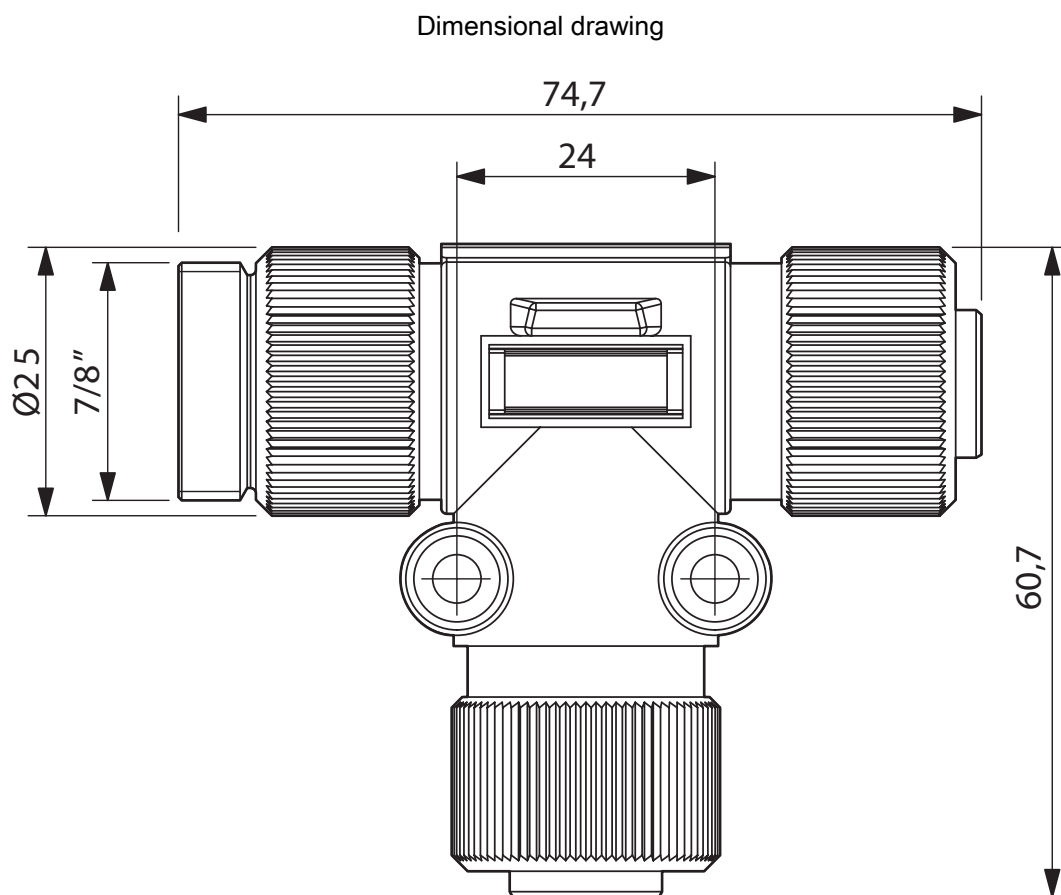
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1401029

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Drawings



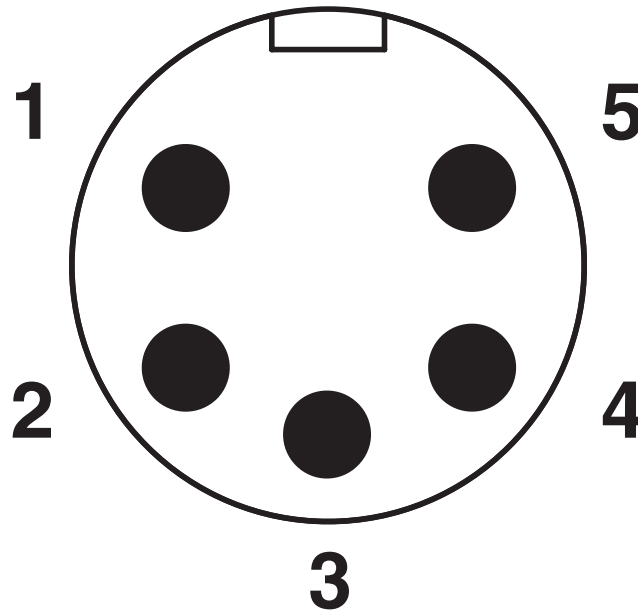
T distributor 7/8", top view

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1401029

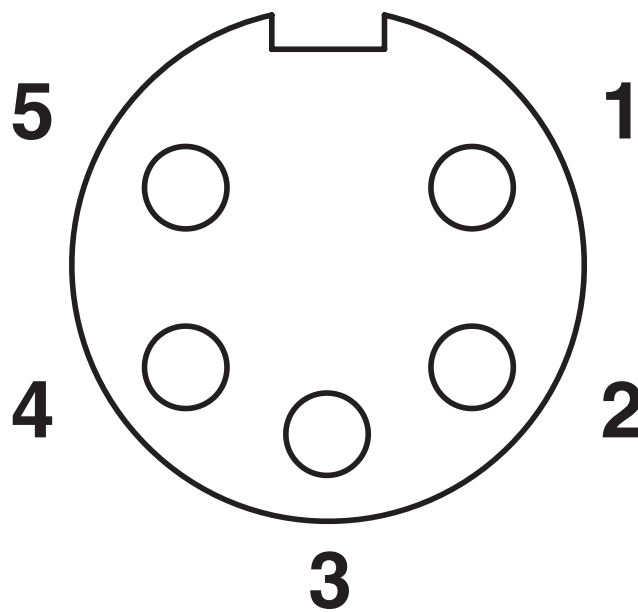
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Schematic diagram



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

Schematic diagram



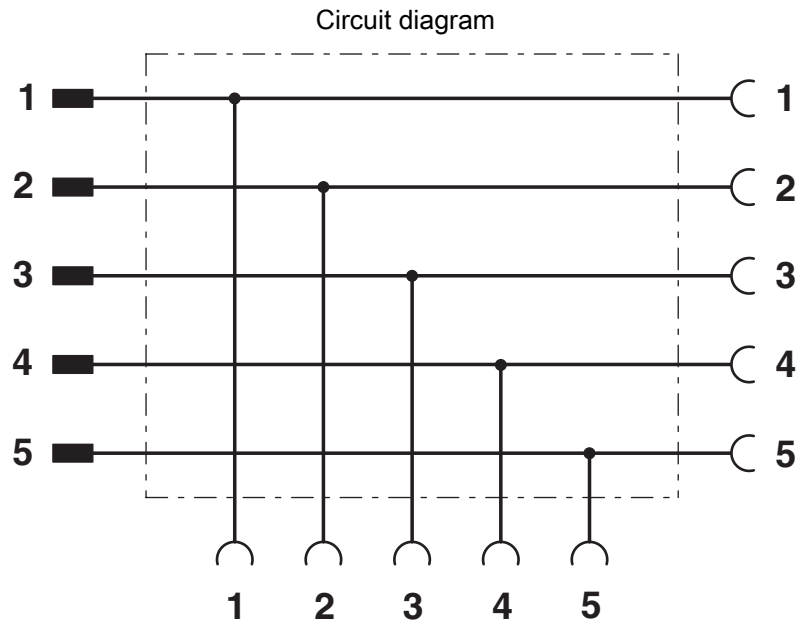
Pin assignment, socket, 7/8"-16UNF, 5-pos., view of female side

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Contact assignment of the 7/8" T distributor

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Classifications

ECLASS

ECLASS-13.0	27440106
ECLASS-15.0	27440106

UNSPSC

UNSPSC 21.0	31251500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	5542ec1e-a438-4995-9aa3-c4e7cd21e8dd

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