

T distributor - SAC-5P-M12T/2XM12 VP - 1541186

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T distributor, CANopen[®], DeviceNet[™], 5-position, Plug straight M12, A-coded, on Socket straight M12, A-coded and Socket straight M12, A-coded

Product Features

- T-plugs
- Termination resistors
- Y-distributors for power and signal connections



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	24.8 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C
Degree of protection	IP65
	IP67

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 5 mΩ
Insulation resistance	≥ 10 GΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101

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Technical data

General

Signal type/category	CANopen®
	DeviceNet™
Status display	No
Surge voltage category	II
Pollution degree	3
Test voltage	1500 V
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

Inflammability class according to UL 94	HB
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Cable

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC000830

UNSPSC

UNSPSC 6.01	31251501
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Classifications

UNSPSC

UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

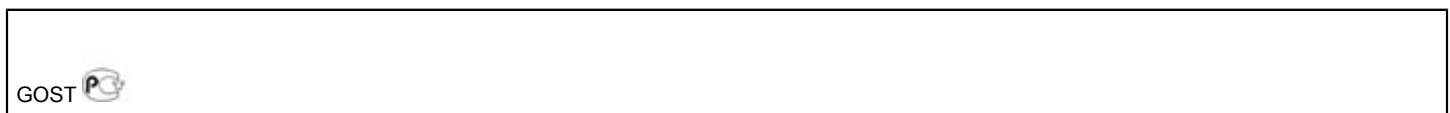
Approvals

GOST

Ex Approvals

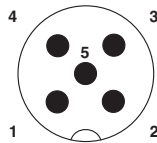
Approvals submitted

Approval details



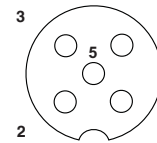
Drawings

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side

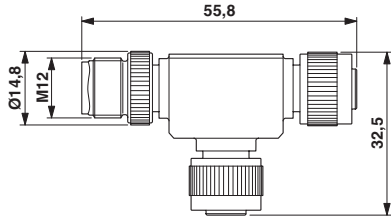
Schematic diagram



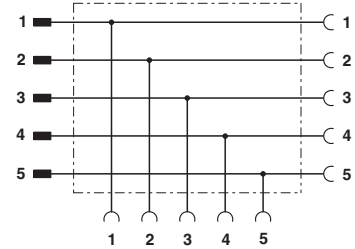
Pin assignment M12 socket, 5-pos., A-coded, socket side view

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Dimensioned drawing



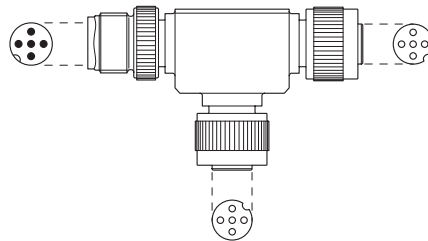
Circuit diagram



M12 T-distributor

Contact assignment of the M12 T distributor

Schematic diagram



Layout of connector pin assignments