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T-distributor, from M12 plug to M12 socket, 3-pos. + PE, PIN 2 und 4 bridged

The illustration shows the 5-pos. version



Key commercial data

Packing unit	11
Weight per Piece (excluding packing)	26.2 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	3
Contact resistance	$\leq 5~\text{m}\Omega$
Insulation resistance	≥ 10 GΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3



Technical data

General

Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

Inflammability class according to UL 94	НВ
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

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	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC001855

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals



Approvals	
Approvals	
GOST	
Ex Approvals	
Approvals submitted	
Approval details	
GOST C	
Accessories	
Accessories	
Protective cap	
Screw plug - PROT-M12	- 1680539
	An M12 screw plug for the unoccupied M12 sockets of the sensor/actuator cable, boxes and flush-type connectors
Sealing cap - PROT-M12	FS - 1560251
	M12 sealing cap for unoccupied M12 plugs of the sensor/actuator cable, flush-type plugs and I/O devices in the field

Screwdriver tools



Accessories

Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

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

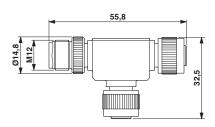
Drawings

Schematic diagram



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

Dimensioned drawing



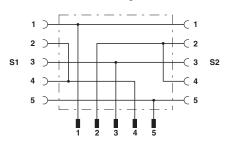
M12 T-distributor

Schematic diagram



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

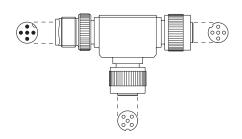
Circuit diagram



Contact assignment of the M12 T distributor



Schematic diagram



Layout of connector pin assignments

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