

## T distributor - SAC-5PT-FB/2XMB PBDP SH - 1424711

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T distributor, PROFIBUS DP (12 Mbps), 5-position, shielded, Socket straight M12, B-coded, on Plug straight M12, B-coded and Plug straight M12, B-coded

### Why buy this product

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Reliable signal transmission - 360° shielding in environments with electromagnetic interference



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 376745
GTIN	4055626376745

### Technical data

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
Degree of protection	IP65

#### General

Rated current at 40°C	1 A (Contact 2 and 4)
	4 A (Contact 1 and 3)
Rated voltage	60 V DC
	48 V AC
Number of positions	5
Coding	B-coded
Standards/regulations	M12 connector IEC 61076-2-101
Signal type/category	PROFIBUS DP, 12 Mbps
Status display	No
Overvoltage category	II
Degree of pollution	3

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Technical data

General

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

Material

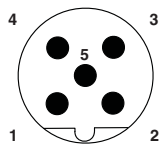
Flammability rating according to UL 94	V0
Contact material	CuZn (pin) / CuSn (socket)
Contact surface material	Ni/Au
Contact carrier material	PBT
Material of grip body	PBT
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	Viton

Standards and Regulations

Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Flammability rating according to UL 94	V0

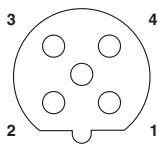
Drawings

Schematic diagram



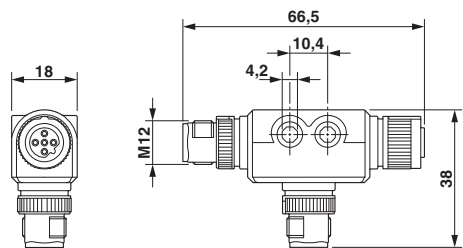
Pin assignment M12 male connector, 5-pos., B-coded, male side

Schematic diagram



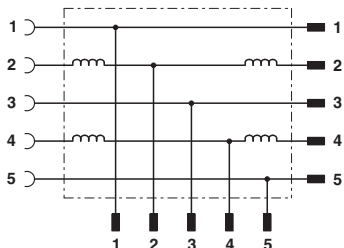
Pin assignment M12 socket, 5-pos., B-coded, female side

Dimensional drawing



M12 T distributor

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Approvals

Approvals

## T distributor - SAC-5PT-FB/2XMB PBDP SH - 1424711

### Approvals

Approvals


EAC

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Ex Approvals

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### Approval details

EAC		EAC-Zulassung
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