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

1424711

https://www.phoenixcontact.com/us/products/1424711

PHŒNIX CONTACT

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

Your advantages

- Safe use in the field, thanks to a high degree of protection

- Reliable signal transmission – 360° shielding in environments with electromagnetic interference

Commercial data

Item number	1424711
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	BF1GAA
Catalog page	Page 436 (C-2-2019)
GTIN	4055626376745
Weight per piece (including packing)	49.4 g
Weight per piece (excluding packing)	49.4 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Product properties

Product type	T-distributor
Sensor type	PROFIBUS DP
Number of positions	5
No. of cable outlets	2
Shielded	yes
Coding	B
Thread type	M12

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	1 A (Contact 2 and 4)
	4 A (Contact 1 and 3)
Transmission medium	Copper
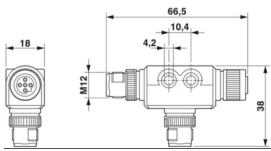
Interfaces

Signal type/category	PROFIBUS DP, 12 Mbps

Signaling

Status display	No
Status display present	No

Dimensions

Dimensional drawing	
Height	18 mm
Length	66.5 mm

Material specifications

Material	PBT
	PA
Flammability rating according to UL 94	V0
Seal material	NBR
Material of grip body	PBT

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Contact material	CuZn (pin) / CuSn (socket)
Contact surface material	Ni/Au
Material for screw connection	Zinc die-cast, nickel-plated

Connector

Connection 1

Type	Socket straight M12
Coding type	B

Connection 2

Type	Plug straight M12
Coding type	B

Connection 3

Type	Plug straight M12
Coding type	B

Cable/line

Signal type/category	PROFIBUS DP, 12 Mbps

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Standard designation	M12 connector
Standards/specifications	according to IEC 61076-2-101

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Classifications

ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

ETIM

ETIM 9.0	EC002925

UNSPSC

UNSPSC 21.0	31251500

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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com