

1530537

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Sensor/actuator cable, 3-position, PUR, black RAL 9005, free cable end, on Socket angled M5, coding: A

Your advantages

- Easy and safe: 100 % electrically tested plug-in components

Commercial data

Item number	1530537
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	B06
Product key	BF1ABA
Catalog page	Page 190 (C-2-2017)
GTIN	4046356024334
Weight per piece (including packing)	129.9 g
Weight per piece (excluding packing)	129 g
Customs tariff number	85444290
Country of origin	DE

SAC-3P-10,0-PUR/M5FR - Sensor/actuator cable



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Technical data

Product properties

Product type	Sensor/actuator cable
Application	Standard
Number of positions	3
No. of cable outlets	1
Shielded	no
Coding	A

Insulation characteristics

Overvoltage category	II
Degree of pollution	3

Material specifications

Seal material	NBR
Material of grip body	PUR
Contact material	CuSn
Contact surface material	Au
Contact carrier material	PUR
Material for screw connection	Brass, nickel-plated

Electrical properties

Insulation resistance	$\geq 10 \text{ G}\Omega$
Nominal voltage U_N	48 V AC
	60 V DC
Nominal current I_N	1 A
Test voltage	1750 V

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100
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Signaling

Status display	No
Status display present	No

Connector

Connection 1

Type	free cable end
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Connection 2

Type	Socket angled M5
Number of positions	3

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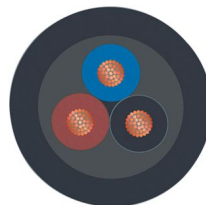
Coding type

A

Cable/line

PUR/PVC black [350]

Dimensional drawing



Cable weight

12.9 kg/km

Number of positions

3

Shielded

no

Cable type

PUR/PVC black [350]

Conductor structure signal line

18x 0.10 mm

AWG signal line

26

Conductor cross section

3x 0.14 mm² (Signal line)

Wire diameter incl. insulation

1.1 mm

External cable diameter

3.00 mm ±0.2 mm

Outer sheath, material

PUR

External sheath, color

black RAL 9005

Conductor material

Bare Cu litz wires

Material wire insulation

PVC

Single wire, color

brown, blue, black

Overall twist

3 wires, twisted

Max. conductor resistance

148 Ω/km

Insulation resistance

100 MΩ*km

Nominal voltage, cable

250 V

Test voltage

800 V_{rms}

Smallest bending radius, fixed installation

8 mm

Smallest bending radius, movable installation

15 mm

Ambient temperature (operation)

-15 °C ... 80 °C (cable, fixed installation)

-5 °C ... 80 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Degree of protection

IP65

IP67

IP68

Ambient temperature (operation)

-25 °C ... 80 °C (Plug / socket)

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Standards and regulations

Standard designation	M5 connector
Standards/specifications	IEC 61076-2-105

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