

Sensor/Actuator cable - SAC-3P-M 8MS/3,0-PVC - 1415862

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Sensor/Actuator cable, 3-position, PVC, black RAL 9005, Plug straight M8, on free cable end, Cable length: 3 m

Why buy this product

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

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 053769
GTIN	4055626053769
Custom tariff number	85444290
Country of origin	Germany

Technical data

Dimensions

Length of cable	3 m
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Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Degree of protection	IP65
	IP67
	IP68

General

Rated current at 40°C	4 A
Rated voltage	60 V

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Technical data

General

Number of positions	3
Insulation resistance	$\geq 100 \text{ M}\Omega$
Coding	A - standard
Standards/regulations	M8 connector IEC 61076-2-104
Status display	No
Protective circuit/component	Unwired
Insertion/withdrawal cycles	≥ 100

Material

Contact material	CuSn
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

Standards and Regulations

Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104

Cable

Cable type	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYY
Conductor cross section	3x 0.25 mm ² (Signal line)
AWG signal line	24
Conductor structure signal line	14x 0.15 mm
Core diameter including insulation	1.17 mm $\pm$ 0.05 mm
Thickness, insulation	$\geq 0.23 \text{ mm}$ (Core insulation)
Wire colors	brown, blue, black
Overall twist	3 wires, twisted
External sheath, color	black RAL 9005
Outer sheath thickness	$\geq 0.76 \text{ mm}$
External cable diameter D	4.2 mm $\pm$ 0.15 mm
Cable weight	29 kg/km
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	$\geq 100 \text{ M}\Omega \cdot \text{km}$ (at 20 °C)
Conductor resistance	max. 79 Ω/km (at 20 °C)

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Technical data

Cable

Nominal voltage, cable	≥ 300 V
Test voltage, cable	≤ 3000 V
Flame resistance	As per UL-Style 2464
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (cable, flexible installation)

Approvals

Approvals

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UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal current I _N	4 A		
Nominal voltage U _N	125 V		

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 221474
Nominal current I _N	4 A		
Nominal voltage U _N	125 V		

cULus Listed	
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