

Sensor/actuator cable - SAC-4P-10,0-PVC/M8FS SH VA - 1404853

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Sensor/actuator cable, 4-pos., PVC, black RAL 9005, shielded, free cable end, to straight M8 socket, cable length: 10 m

As illustrated but with VA knurl



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	
GTIN	4046356725194

Technical data

Dimensions

Length of cable	10 m
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Ambient conditions

Degree of protection	IP65
	IP67
	IP68
	IP69K

General

Rated current at 40°C	4 A
Rated voltage	48 V AC
	60 V DC
Number of positions	4
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Status display	No
Overvoltage category	II

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Technical data

General

Degree of pollution	3
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Material

Flammability rating according to UL 94	HB
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Stainless steel
Sealing material	NBR

Standards and Regulations

Flammability rating according to UL 94	HB
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Cable

Cable type	PVC black
Cable type (abbreviation)	PVC
AWG signal line	22
Conductor structure signal line	32x 0.10 mm
Core diameter including insulation	1.19 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
	≥ 0.65 mm (Outer cable sheath)
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
Shielding	Tinned copper braided shield
Optical shield covering	85 %
External sheath, color	black RAL 9005
External cable diameter D	5 mm ±0.2 mm
Cable weight	38 kg/km
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	≥ 100 MΩ*km (at 20 °C)
Conductor resistance	max. 78 Ω/km (at 20 °C)
Nominal voltage, cable	300 V
Test voltage, cable	3000 V
Ambient temperature (operation)	-30 °C ... 80 °C (cable, fixed installation)
	-15 °C ... 80 °C (cable, flexible installation)

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50

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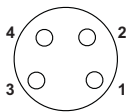
Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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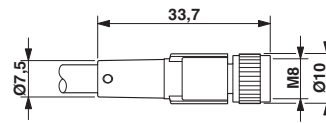
Drawings

Schematic diagram



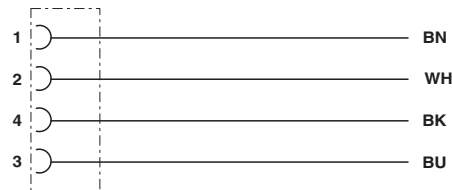
Pin assignment M8 socket, 4-pos.

Dimensional drawing



Socket M8 x 1, straight

Circuit diagram



Contact assignment of M8 socket

Mouser Electronics

Authorized Distributor

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