

Sensor/actuator cable - SAC-8P- 3,0-PVC/M12FR SH VA - 1404640

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Sensor/actuator cable, 8-pos., PVC, black, shielded, free cable end, to angled M12 socket, A-coded, with VA knurl, cable length: 3 m

RoHS

Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 707473
GTIN	4046356707473

Technical data

General

Rated voltage	30 V AC
	30 V DC

Cable

Note	The cable is not suitable for use with drag chains.
Cable type	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYF-C-Y
Conductor cross section	8x 0.25 mm ² (Signal line)
AWG signal line	24
Conductor structure signal line	32x 0.10 mm
Core diameter including insulation	1.5 mm ±0.05 mm (Signal line)
Thickness, insulation	≥ 0.38 mm (Conductor insulation, signal line)
	≥ 0.76 mm (Outer cable sheath)
Wire colors	white, brown, green, yellow, gray, pink, blue, red
Overall twist	8 wires around filler to the core, twisted in with additional Cu litz in the wire outer godet
Shielding	Tinned copper braided shield
Optical shield covering	85 %
External sheath, color	black RAL 9005
External cable diameter D	7.7 mm ±0.2 mm
Smallest bending radius, fixed installation	38.5 mm

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Cable

Smallest bending radius, movable installation	77 mm
Cable weight	85 kg/km
Outer sheath, material	PVC
Material, filler	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Insulation resistance	$\geq 10 \text{ G}\Omega\cdot\text{km}$
Conductor resistance	$\leq 78 \text{ }\Omega/\text{km}$
Nominal voltage, cable	300 V
Test voltage, cable	3000 V
Ambient temperature (operation)	-25 °C ... 105 °C (cable, fixed installation)

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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