

SAC-4P-M12MR/ 1,5-PUR SH SO

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Order No.: 1502947

Sensor/Actuator cable, 4-position, PUR/PVC, Black-gray RAL 7021, shielded, Plug, angled M12, A-coded, on Free conductor end, Cable length: 1.5 m

Commercial data

EAN	 4 017918 831134
Note	Made-to-order
Pack	5
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2005-06-01



Technical data

General data

Rated current at 40°C	4 A
Number of positions	4
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	1.5 m

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP67/IP69K
Insertion/withdrawal cycles	≥ 100
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)
Sealing material	NBR
Status display	No

Conductor data

Cable type	PUR/PVC shielded, black
Cable type (abbreviation)	350
Cable abbreviation	LIYYV1CY11Y
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.52 mm ±0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
	≥ 0.38 mm (Outer cable sheath)
External cable diameter	5.90 mm
Wire colors	Black, brown, blue, white
External sheath, color	Black-gray RAL 7021
Insulation resistance	≥ 100 MΩ*km
Conductor resistance	≤ 57.3 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	3000 V
Overall twist	4 wires, twisted
Shielding	Tinned copper braided shield
Optical shield covering	85 %
Outer sheath, material	PUR
Material, inner sheath	PVC

Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	50 kg/km
Smallest bending radius, fixed installation	59 mm
Smallest bending radius, movable installation	59 mm
Number of bending cycles	2000000
Bending radius	59 mm
Traversing path	5 m
Traversing rate	3 m/s
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

Certificates

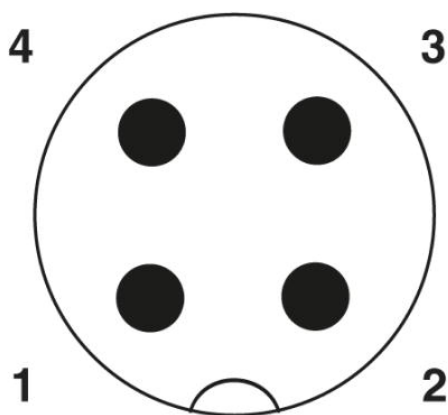


Certification

CUL Listed, UL Listed

Drawings

Schematic diagram



Pin assignment M12 plug, 4-pos., A-coded, view plug side