

SAC-4P-M12MSB/ 3,0-PUR/M12FSB

Order No.: 1554380

Sensor/Actuator cable, PUR/PVC, Black RAL 9005, Plug, straight M12, B-coded, on Socket, straight M12, B-coded, Cable length: 3 m

Commercial data

EAN	 4 046356 165877
Note	Made-to-order
Pack	5
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2006-10-20



Technical data

General data

Rated voltage	250 V
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	3 m

General characteristics

Coding	B - inverse
Insertion/withdrawal cycles	≥ 100
Contact material	CuSn
Contact surface material	Ni/Au

Contact carrier material	PA 66
Material of grip body	TPU, hardly inflammable, self-extinguishing
Material, knurls	Zinc die-cast, (nickel-plated)
Sealing material	NBR

Conductor data

Cable type	PUR/PVC black
Cable abbreviation	LiYY-11Y
Conductor cross section	0.34 mm ²
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.5 mm ±0.05 mm
Thickness, insulation	≥ 0.3 mm (Core insulation)
	≥ 0.35 mm (Inner sheath)
	≥ 0.38 mm (Outer cable sheath)
External cable diameter	5.20 mm
Wire colors	Brown, white, blue, black
External sheath, color	Black RAL 9005
Insulation resistance	≥ 1 GΩ*km
Conductor resistance	≤ 58 Ω/km
Nominal voltage, conductor	300 V
Test voltage, conductor	3000 V
Overall twist	4 wires, twisted
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	39 kg/km
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	52 mm
Number of bending cycles	2000000
Bending radius	52 mm
Traversing path	5 m
Traversing rate	3 m/s

Certificates

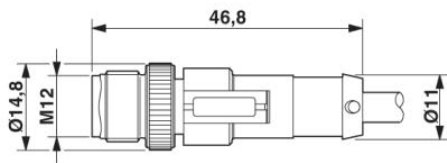


Certification

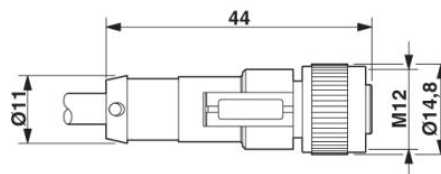
CUL Listed, UL Listed

Drawings

Dimensioned drawing



M12 x 1 male connector, straight



M12 x 1 female connector, straight