

SAC-3P- 5,0-PUR/M 8FR BK

Order No.: 1528073

The illustration shows the standard type



Sensor/Actuator cable, 3-position, PUR/PVC, Black RAL 9005, Free conductor end, on Socket, angled M8, Cable length: 5 m

Commercial data

EAN	 4 017918 963453
Note	Made-to-order
Pack	5
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2006-03-02



Technical data

General data

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

Number of positions	3
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	5 m
Stripping length of the free conductor end	50 mm

General characteristics

Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP68/IP69K
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 black
Cable abbreviation	LiYY-11Y
Conductor cross section	0.25 mm ²
AWG signal line	24
Conductor structure signal line	32 x 0.10 mm
Core diameter including insulation	1.32 mm ± 0.02 mm
Thickness, insulation	≥ 0.23 mm (Core insulation)
	Approx. 0.35 mm (Inner sheath)
	≥ 0.38 mm (Outer cable sheath)
External cable diameter	4.40 mm
Wire colors	Brown, blue, black
External sheath, color	Black RAL 9005
Insulation resistance	$\geq 100 \text{ M}\Omega \cdot \text{km}$
Conductor resistance	$\leq 77.6 \text{ }\Omega/\text{km}$
Nominal voltage, conductor	300 V
Test voltage, conductor	2500 V

Overall twist	3 wires, twisted
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	27 kg/km
Smallest bending radius, fixed installation	44 mm
Smallest bending radius, movable installation	44 mm
Number of bending cycles	2000000
Bending radius	44 mm
Traversing path	5 m
Traversing rate	3 m/s

Certificates

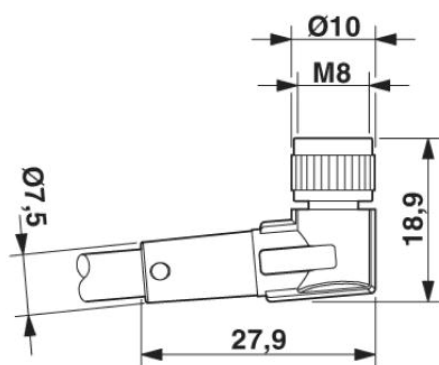


Certification

CUL Listed, UL Listed

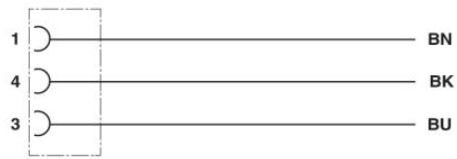
Drawings

Dimensioned drawing



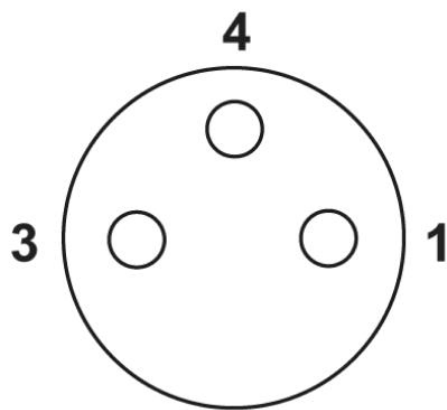
Socket M8 x 1, angled

Circuit diagram



Contact assignment of M8 socket

Schematic diagram



Pin assignment M8 socket, 3-pos., view female side