

SAC-3P-10,0-PVC/M 8FR BK

Order No.: 1527773

The illustration shows the standard type



Sensor/Actuator cable, 3-position, PVC, Black RAL 9005, Free conductor end, on Socket, angled M8, Cable length: 10 m

Commercial data

EAN	 4 017918 959081
Note	Made-to-order
Pack	5
Customs tariff	85444290

Product notes

WEEE/RoHS-compliant since:
2005-08-01



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	10 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	PVC black
Cable type (abbreviation)	PVC
Cable abbreviation	LiYY
Conductor cross section	0.25 mm^2
AWG signal line	24
Conductor structure signal line	$32 \times 0.10 \text{ mm}$
Core diameter including insulation	$1.32 \text{ mm} \pm 0.02 \text{ mm}$
Thickness, insulation	$\geq 0.23 \text{ mm}$ (Core insulation)
	$\geq 0.76 \text{ mm}$ (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	max. $77.6 \text{ }\Omega/\text{km}$
Nominal voltage, conductor	300 V
Test voltage, conductor	2500 V

Overall twist	3 wires, twisted
Outer sheath, material	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Cable weight	29 kg/km
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)
Flame resistance	As per UL-Style 2464

Certificates

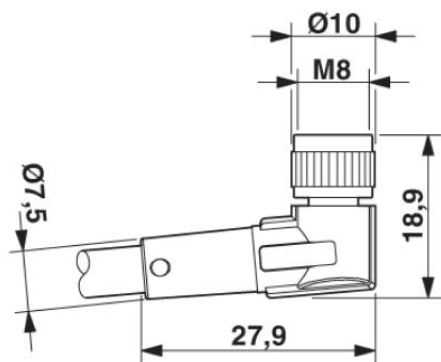


Certification

CUL Listed, UL Listed

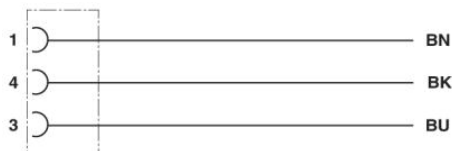
Drawings

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

