

SAC-4P-15,0-280/M12FR VA

This item is no longer available. Should you have any questions, please contact our Sales Team.

Order No.: 1529632

The illustration shows the standard type



Sensor/Actuator cable, 3-position, PUR, halogen-free, Gray RAL 7001, Free conductor end, on Socket, angled M12, A-coded, Cable length: 15 m

Commercial data

EAN	 4 017918 989668
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	250 V

Number of positions	3
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	15 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
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	High-grade steel
Sealing material	NBR
Status display	No

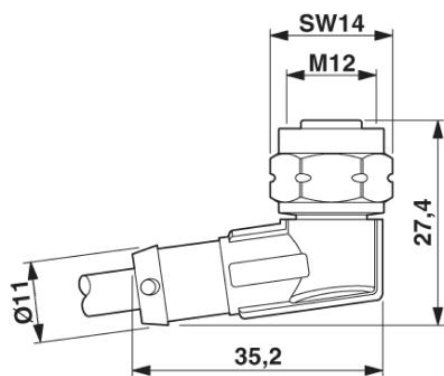
Conductor data

Cable type	PUR halogen-free gray
Cable type (abbreviation)	280
Conductor cross section	0.34 mm^2
AWG signal line	22
Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	$1.55 \text{ mm} \pm 0.05 \text{ mm}$
Thickness, insulation	0.39 mm (Core insulation)
	0.75 mm (Outer cable sheath)
External cable diameter	5.20 mm
Wire colors	Brown, white, blue, black
External sheath, color	Gray RAL 7001
Conductor resistance	$\leq 57.5 \Omega/\text{km}$
Test voltage, conductor	2500 V
Overall twist	4 wires, twisted
Outer sheath, material	PUR

Material conductor insulation	TPE
Conductor material	Bare Cu litz wires
Cable weight	35 kg/km
Smallest bending radius, fixed installation	52 mm
Smallest bending radius, movable installation	78 mm
Number of bending cycles	4000000
Bending radius	78 mm
Traversing path	10 m
Traversing rate	3 m/s
Special properties	Flexible cable conduit capable
Halogen-free	The cable is halogen-free

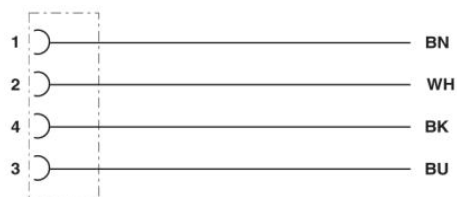
Drawings

Dimensioned drawing



M12 x 1 female connector, angled

Circuit diagram



Schematic diagram

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

