

SAC-5P-M12FR/.../...

Order No.: 1697124



Sensor/Actuator cable, 5-position, Free conductor end, on Socket, angled M12, A-coded, Cable length: Free input (0.2 ... 40.0 m)

Commercial data

Note	Made-to-order
Pack	1
Customs tariff	85444290
Catalog page information	Page 87 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2008-01-01



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Volume resistance	$\leq 5 \text{ m}\Omega$
Insulation resistance	$\geq 100 \text{ M}\Omega$
Length of cable	Free input (0.2 ... 40.0 m)
Stripping length of the free conductor end	50 mm

General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
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

Line characteristics

Note	This order comprises a cable with a freely selectable cable type. As a result, technical data about the cable types available for selection is not displayed here. This information is available on request.
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Certificates



Certification

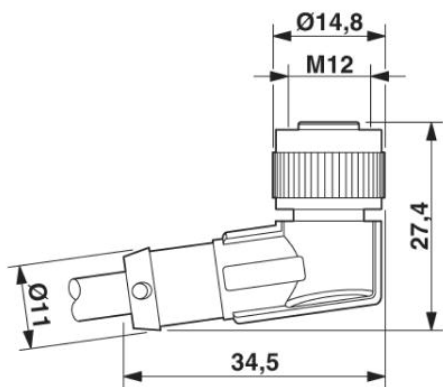
CUL Listed, UL Listed

Configuration options

Cable type	PUR halogen-free black [PUR] PVC black [PVC] PUR/PVC gray [100] PUR black 5 cond. in gray [115] PUR/PVC yellow [140] PUR irradi. halogen-free orange [150] PUR halogen-free orange [180] PUR POWER 0,75mm² black [186] PUR halogen-free gray [280] PVC gray [500] PVC black 5 cond. in gray [515] PVC gray 5 cond. in gray [520] PVC yellow [540] PVC yellow 105 °C [542] PUR highflex gray [800]
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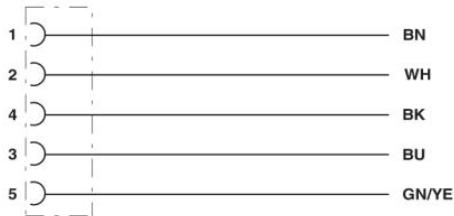
Drawings

Dimensioned drawing



M12 x 1 female connector, angled

Circuit diagram



Contact assignment of M12 socket, with exception of conductor types 115, 515, 520 and 800. Here, the fifth wire is gray and not green/yellow.

Schematic diagram

Pin assignment M12 socket, 5-pos., A-coded, socket side view

