

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

Order No.: 1697535



Sensor/Actuator cable, 5-position, shielded, 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 89 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2005-10-22



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
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General characteristics

Standards/regulations	M12 connector IEC 61076-2-101
Coding	A - standard
Surge voltage category	II
Pollution degree	3
Degree of protection	IP65/IP67/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

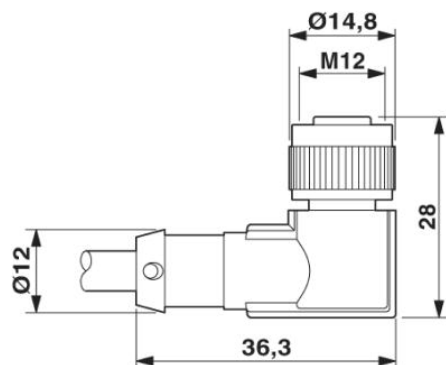
CUL Listed, UL Listed

Configuration options

Cable type	PUR halogen-free black [PUR] PVC black [PVC] PUR/PVC gray [100] PVC gray [500]
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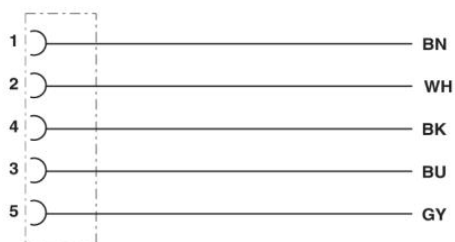
Drawings

Dimensioned drawing



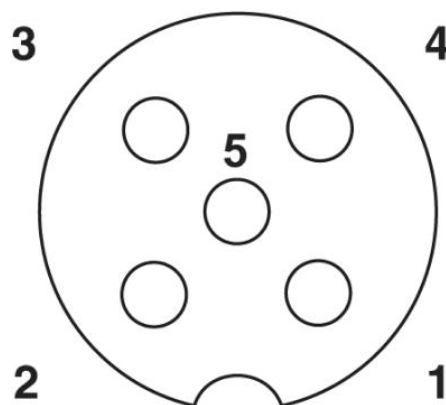
M12 x 1 female connector, angled, shielded

Circuit diagram



Contact assignment of the M12 socket

Schematic diagram



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