

SAC-5P-M12MS-M12FR-3L/.../...

Order No.: 1697166



Sensor/Actuator cable, 5-position, Plug, straight M12, A-coded, 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:
2006-07-12



Technical data

General data

Rated current at 40°C	4 A
Rated voltage	24 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)

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	3 LEDs

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

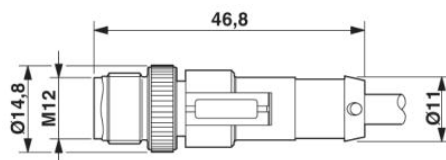
Configuration options

Cable type

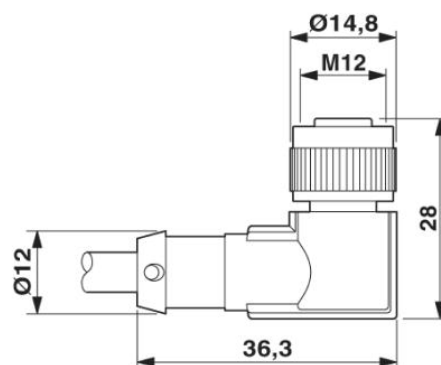
PUR halogen-free black [PUR]
 PVC black [PVC]
 PUR/PVC gray [100]
 PUR black 5 cond. in gray [115]
 PUR/PVC yellow [140]
 PUR irradi. halogen-free orange [150]
 PUR halogen-free orange [180]
 PUR halogen-free gray [280]
 PVC gray [500]
 PVC black 5 cond. in gray [515]
 PVC gray 5 cond. in gray [520]
 PVC yellow [540]
 PVC yellow 105 °C [542]
 PUR highflex gray [800]

Drawings

Dimensioned drawing

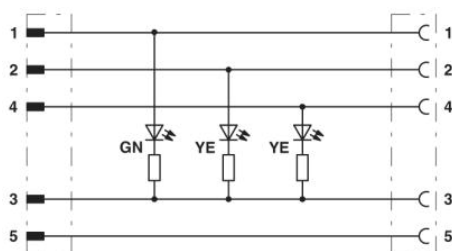


M12 x 1 male connector, straight



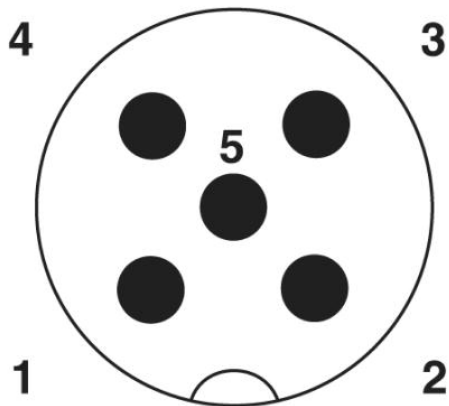
M12 x 1 female connector, angled

Circuit diagram

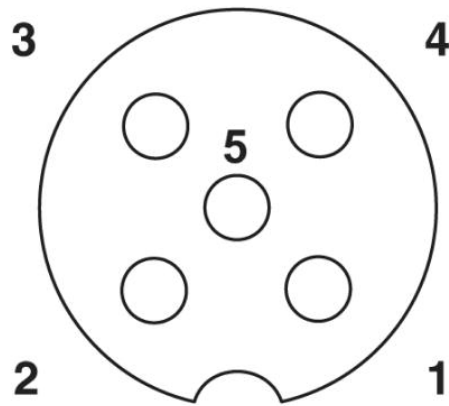


Contact assignment of M12 connectors / sockets with 3 LEDs

Schematic diagram



Pin assignment M12 male connector, 5-pos., A-coded, male side



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