

SAC-3P-M12Y-2XM12FS B/.../...

Order No.: 1697360



Sensor/Actuator cable, 3-position, Plug, straight M12, A-coded, on Socket, straight M12, A-coded, PIN 2+4 bridged and Socket, straight M12, A-coded, PIN 2+4 bridged, Cable length: Free input (0.2 ... 40.0 m)

Commercial data

Note	Made-to-order
Pack	1
Customs tariff	85444290
Catalog page information	Page 100 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
2006-03-09



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	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	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.

Certificates

Certification

CUL Listed, UL Listed

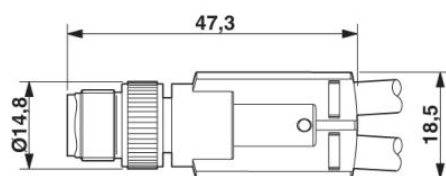
Configuration options

Cable type

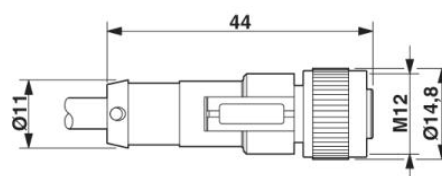
PUR halogen-free black [PUR]
 PVC black [PVC]
 PUR/PVC gray [100]
 PUR/PVC orange [110]
 PUR/PVC yellow [140]
 PUR irradi. halogen-free orange [150]
 PUR halogen-free orange [180]
 PUR halogen-free gray [280]
 PVC gray [500]
 PVC yellow [540]
 PVC yellow 105 °C [542]
 PUR highflex gray [800]

Drawings

Dimensioned drawing

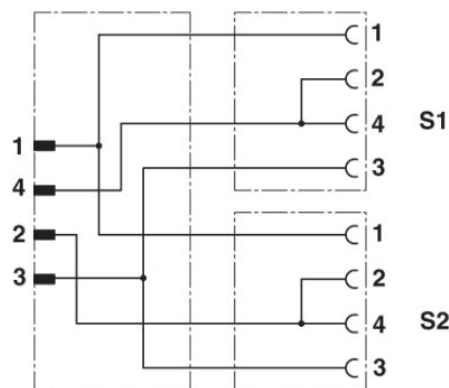


Plug M12 x 1, Y distributor



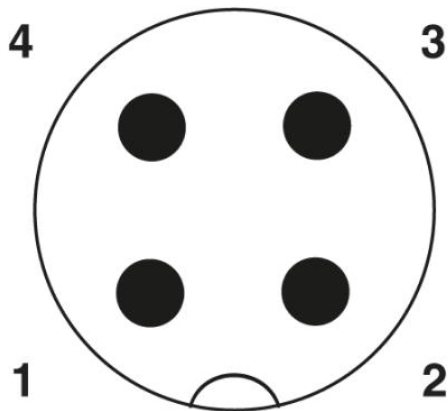
M12 x 1 female connector, straight

Circuit diagram

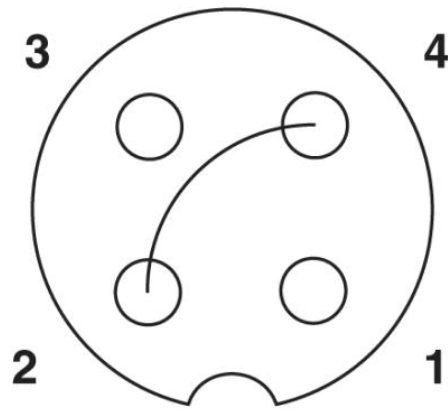


Contact assignment of the M12 plug and the M12 socket

Schematic diagram



Pin assignment M12 Y plug, 4-pos., A-coded, view plug side



Pin assignment M12 socket, 3-pos., PIN 2+4 bridged, A-coded, view female side