

SAC-5PH-M-F/2XF SH1 SCO

Order No.: 1417414



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Sensor/actuator H-distributor, 5-pos., shielded, M12 male connector,
M12 socket to 2x socket, parallel wiring, SPEEDCON

DeviceNet

CANopen



Commercial data

EAN	 4 046356 525138
sales group	D117
Pack	1 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.0607 KG
Net weight per piece	0.06 KG
Catalog page information	Page 352 (C-4-2013)

Product notes

WEEE/RoHS-compliant since:
08/19/2009



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Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
Degree of protection	IP65
	IP67

General

Rated current at 40°C	4 A
Rated voltage	60 V
Number of positions	5
Contact resistance	≤ 3 mΩ
Insulation resistance	> 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101
Status display	No
Surge voltage category	II
Pollution degree	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)

Material

Inflammability class according to UL 94	V0
Contact material	CuZn
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

Certificates / Approvals



Certification

GOST

Certifications applied for:

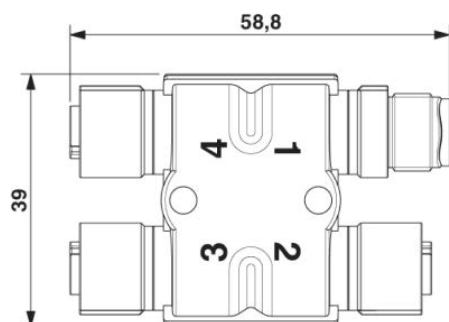
Certification Ex:

Accessories

Item	Designation	Description
Protection and sealing elements		
1430488	PROT-M12 FS-M	M12 metal sealing cap for unoccupied M12 plugs of the sensor/ actuator cable, flush-type plugs and I/O devices in the field
1503302	PROT-M12 SH	An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors
Tools		
1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

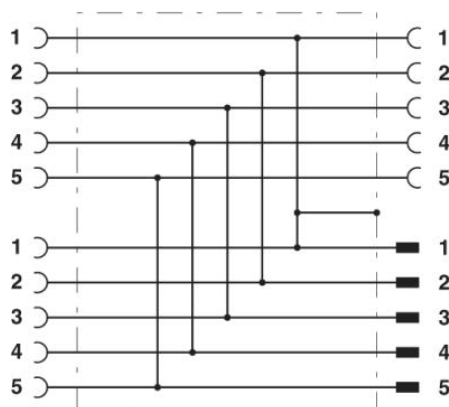
Drawings

Dimensioned drawing



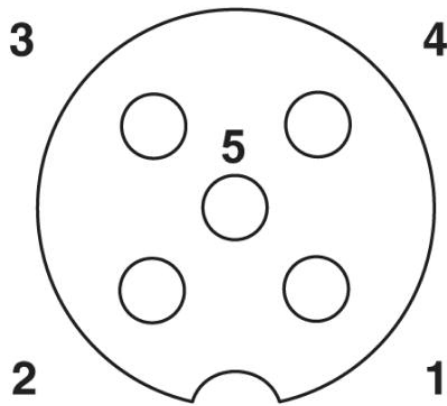
H distributor dimensional drawing

Circuit diagram

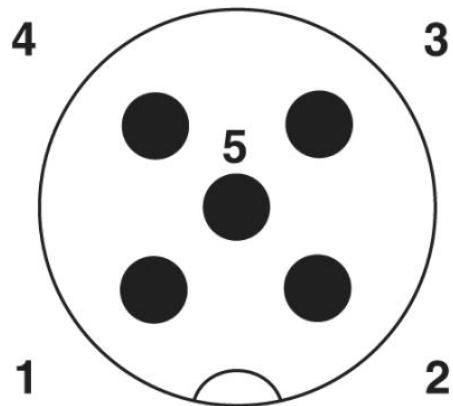


Contact assignment of the M12 H distributor

Schematic diagram



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



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

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