

Bus system plug connector - SACC-MRD-4SC SH PN SCO - 1436754

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Bus system connector, connector, angled, 4-pos., M12 SPEEDCON shielded, D-coded, spring-cage connection, cable diameter max. 8 mm

Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 76 (PC-2011)
GTIN	 4 046356 435277
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Mechanical characteristics

Standard - Electrical safety	M12 connector IEC 61076-2-101
Number of positions	4
Shielded	Yes
Insertion/withdrawal cycles	≥ 100
Connection method	Spring-cage conn.
Conductor cross section	0.14 mm ² ... 0.5 mm ²
Connection cross section AWG	26 ... 20
Ambient temperature (operation)	-40 °C ... 85 °C (Male connector / female connector)

Material data

Inflammability class according to UL 94	V0
Contact carrier material	TPU
Contact material	CuSn
Contact surface material	Ni/Au
Cable gland material	Nickel-plated brass
Sealing material	NBR
Degree of protection	IP67

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Technical data

Electrical characteristics

Number of positions	4
Nominal voltage UN	60 V
Nominal current IN	4 A
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)
Surge voltage category	II
Pollution degree	3

Classifications

eclass

eCl@ss 4.0	27250313
eCl@ss 4.1	27250313
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001

etim

ETIM 3.0	EC002062
ETIM 4.0	EC002062

unspsc

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

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Approvals

Approval details



Accessories

Accessories

Protection and sealing elements

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873

M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 sockets



Tools

Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Tool - SACC BIT M12-D20 - 1208445



Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Accessories

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Bus system cable - VS-OE-OE-93B/... - 1417362



CAT5e, PROFINET cable, shielded, star quad, AWG 22 stranded (7-wire), RAL 6018 (yellow-green), variable length, by the meter

Bus system cable - VS-OE-OE-93C/... - 1417491



CAT5e, PROFINET cable, shielded, star quad, AWG 22 flexible cable conduit capable (7-wire), RAL6018 (yellow-green), variable length, by the meter

Bus system cable - VS-OE-OE-93R/... - 1417388



Bus system cable, PROFINET, 4-wire, shielded, PUR, halogen-free, green outer sheath, 4 x 0.34 mm² / AWG 22, type R

Bus system cable - VS-OE-OE-936/... - 1417375



CAT5e, PROFINET cable, shielded, star quad, AWG 22 (7-wire), black, variable length, by the meter

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Accessories

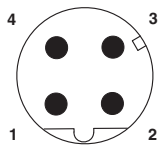
Bus system cable - VS-OE-OE-937/... - 1402687



CAT5e, PROFINET cable, shielded, star quad, AWG 22 (7-wire), black, variable length, by the meter

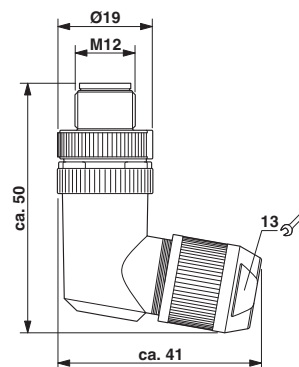
Drawings

Schematic diagram



Pin assignment M12 male connector, 4-pos., D-coded, male side

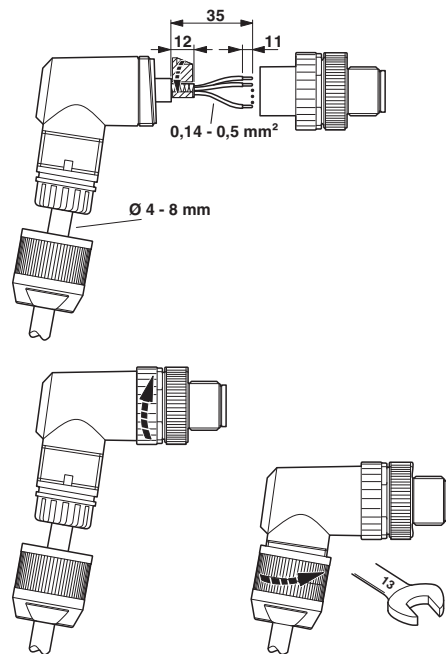
Dimensioned drawing



Plug M12 SPEEDCON, angled, shielded

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Functional drawing



Stripping length 28 mm, for angled version 35 mm. Strip the cable, shorten the shield, stick the shielding foil around the shortened shield. Strip off individual wires, push pressure nuts onto the cable. Lead the wires through the housing and connect them. Screw the connector body onto the housing, tighten the pressure nuts.