

VS-08-M12MS-10G-P SCO

Order No.: 1417430



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Bus system connector, Ethernet CAT6_A, 8-position, shielded, Plug straight M12 SPEEDCON, X-coded, Piercecon[®], Knurl material: Zinc die-cast, nickel-plated, External cable diameter 4 mm ... 8 mm

Ethernet




Product notes

WEEE/RoHS-compliant since:
09/22/2009



Commercial data

EAN	 4 046356 530699
sales group	D124
Pack	1 Pcs.
Customs tariff	85366990
Gross weight in pieces	0.02976 KG
Net weight per piece	0.0247 KG
Catalog page information	Page 236 (C-4-2013)

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Technical data

Dimensions

External diameter	4 mm ... 8 mm
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (Plug / socket)
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Degree of protection	IP65
	IP67

General

Rated current at 40°C	0.5 A
Rated voltage	48 V
Number of positions	8
Contact resistance	≤ 10 mΩ
Insulation resistance	≥ 100 MΩ
Coding	X - data
Standards/regulations	M12 connector IEC 61076-2-109
Signal type/category	Ethernet CAT6 _A
Status display	No
Surge voltage category	III
Pollution degree	2
Connection method	Piercecon®
Conductor cross section	0.14 mm ²
AWG conductor cross section	26
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
	1 Nm (Connector with coupling sleeve)
	2 Nm (Pressure nut)

Material

Inflammability class according to UL 94	V0
Contact material	CuSn
Contact surface material	Ni/Au
Contact carrier material	PP
Material of grip body	Zinc die-cast, nickel-plated
Material, knurls	Zinc die-cast, nickel-plated
Sealing material	NBR

Certificates / Approvals



Certification UL Recognized

Certifications applied for:

Certification Ex:

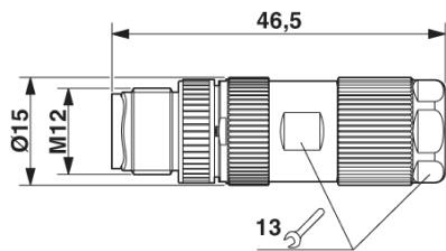
Accessories

Item	Designation	Description
Protection and sealing elements		
1430873	PROT-M12 FS-PA-CHAIN	M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 sockets

Tools		
1212487	MICROFOX-SP-1	Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version
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
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

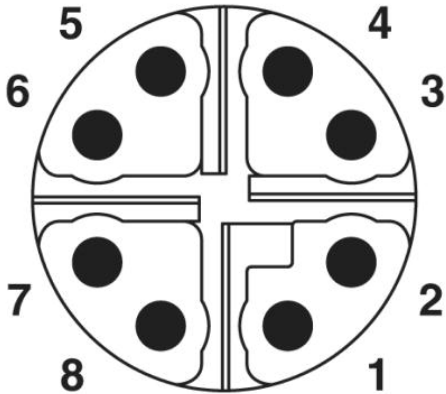
Drawings

Dimensioned drawing



Dimens. drawing: M12 connectors

Schematic diagram



Pin assignment M12 plug, 8-pos., view plug side

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