

Bus system connector - VS-08-M12MS-10G-P SCO - 1417430

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M12 connector, CAT6_A, connector, straight, 8-pos., shielded, for cable diameters of 4 mm ... 8 mm



Key commercial data

package_quantity	1
GTIN	4046356530699

Technical data

Dimensions

External diameter	4 mm ... 8 mm
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Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP65
Degree of protection	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
Signal type/category	Ethernet CAT6 _A
Surge voltage category	III
Pollution degree	2
Connection method	Piercecon®
Conductor cross section	0.14 mm²
AWG conductor cross section	26
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 knurl)
Torque	1 Nm (Connector with coupling sleeve)

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Technical data

General

Torque	2 Nm (Pressure nut)
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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

classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701
eCl@ss 6.0	27279221
eCl@ss 7.0	27440104
eCl@ss 8.0	27440104

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062
ETIM 5.0	EC002062

UNSPSC

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

approvals

UL Recognized /

Approval details

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approvals

UL Recognized 	
Nominal voltage UN	60 V
Nominal current IN	0.5 A
mm²/AWG/kcmil	

accessories

Electronics pliers

MICROFOX-SP-1 - 1212487



Torque tool

TSD 04 SAC - 1208429



TSD-M 1,2NM - 1212224



Screwdriver tools

SAC BIT M12-D15 - 1208432



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accessories

TSD-M SAC-BIT ADAPTER - 1212600



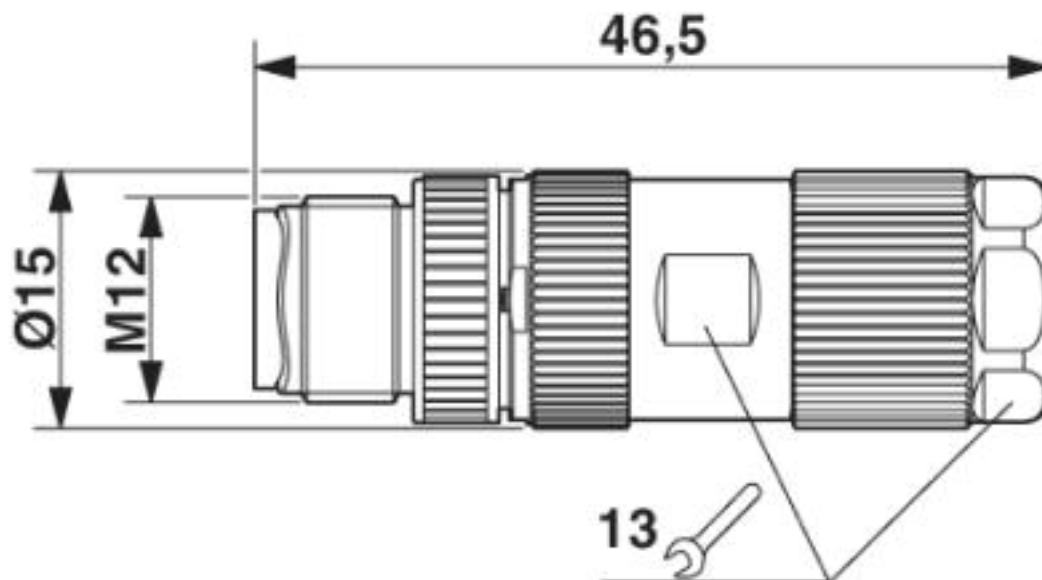
Protective cap

PROT-M12 FS-PA-CHAIN - 1430873



Drawings

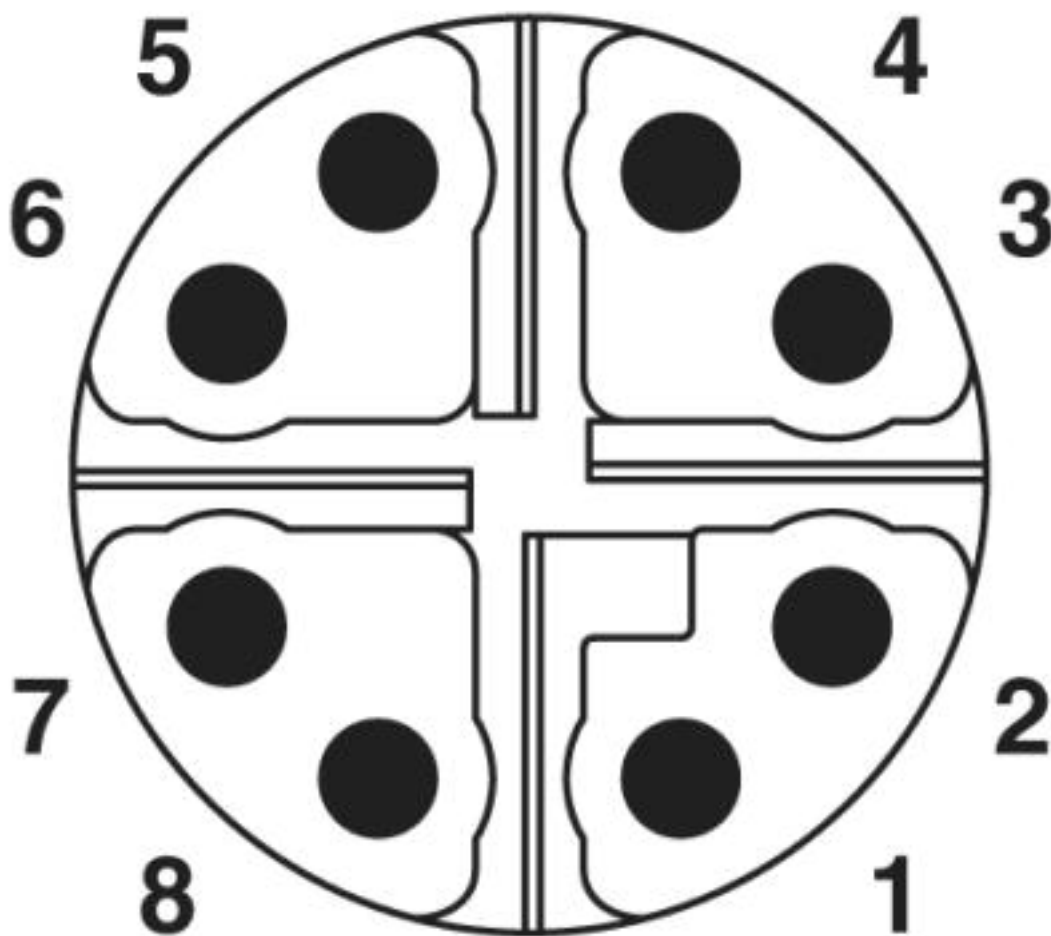
Dimensioned drawing



Dimens. drawing: M12 connectors

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Schematic diagram



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

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