

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

Product Features

- ✓ Safe use in the field, thanks to a high degree of protection
- ✓ Flexible: connectors for on-site assembly
- ✓ Save time, thanks to installation with SPEEDCON fast locking system
- ✓ Reliable signal transmission - 360° shielding in environments with electromagnetic interference



Ethernet



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

External diameter	4 mm ... 8 mm
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Ambient conditions

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

General

Rated current at 40°C	0.5 A
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Technical data

General

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

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

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Classifications

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

Approvals


Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
Nominal current I _N	0.5 A
Nominal voltage U _N	60 V

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Approvals

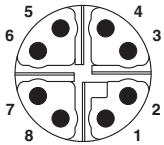
cUL Recognized

Nominal current I _N	0.5 A
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cULus Recognized

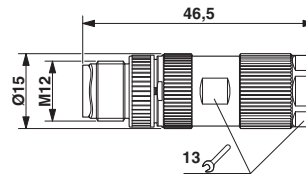
Drawings

Schematic diagram



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

Dimensioned drawing



Dimens. drawing: M12 connectors