

Bus system plug 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

Packing unit	0
Minimum order quantity	1
Catalog page	Page 292 (PC-2011)
GTIN	 4 046356 530699
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

General data

Rated current at 40°C	0.5 A
Rated voltage	48 V
Number of positions	8
Volume resistance	≤ 10 mΩ
Insulation resistance	≥ 100 MΩ
Ambient temperature (operation)	-40 °C ... 85 °C

General characteristics

Coding	X - data
Surge voltage category	III
Pollution degree	2
Degree of protection	IP65/IP67/IP69K
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

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General characteristics

Connection method	Piercecon®
Conductor cross section AWG/kcmil min.	26
External diameter	4 mm ... 8 mm
Connection cross section AWG	26
Insertion/withdrawal cycles	≥ 100
Transmission characteristics (category)	CAT6A

Classifications

eclass

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

etim

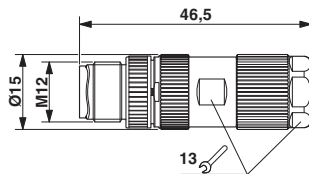
ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062

unspsc

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

Drawings

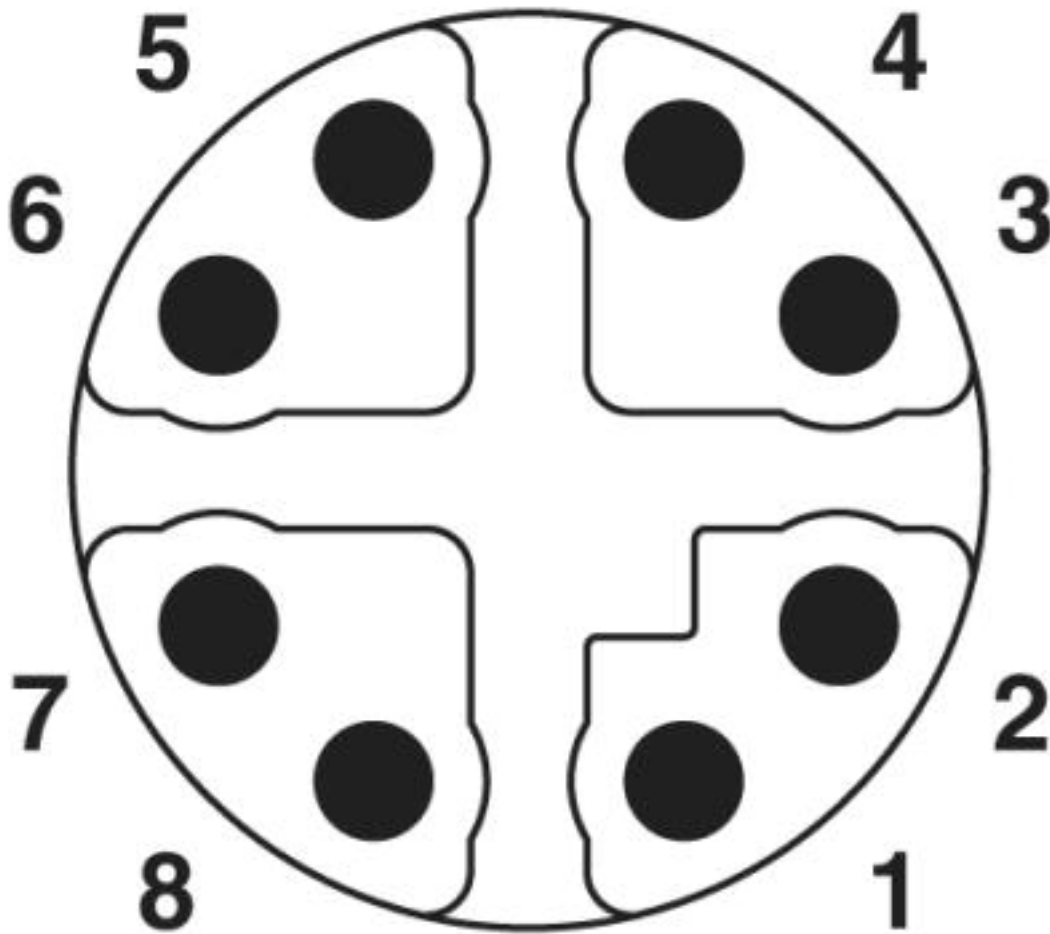
Dimensioned drawing



Dimens. drawing: M12 connectors

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Schematic diagram



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