

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

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M12 connector, CAT6<sub>A</sub>, 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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## Technical data

### 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

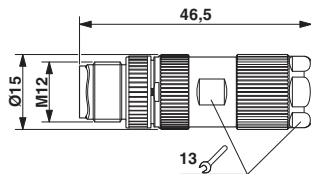
ETIM 2.0	EC001121
ETIM 3.0	EC002062
ETIM 4.0	EC002062

### unspsc

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

## Drawings

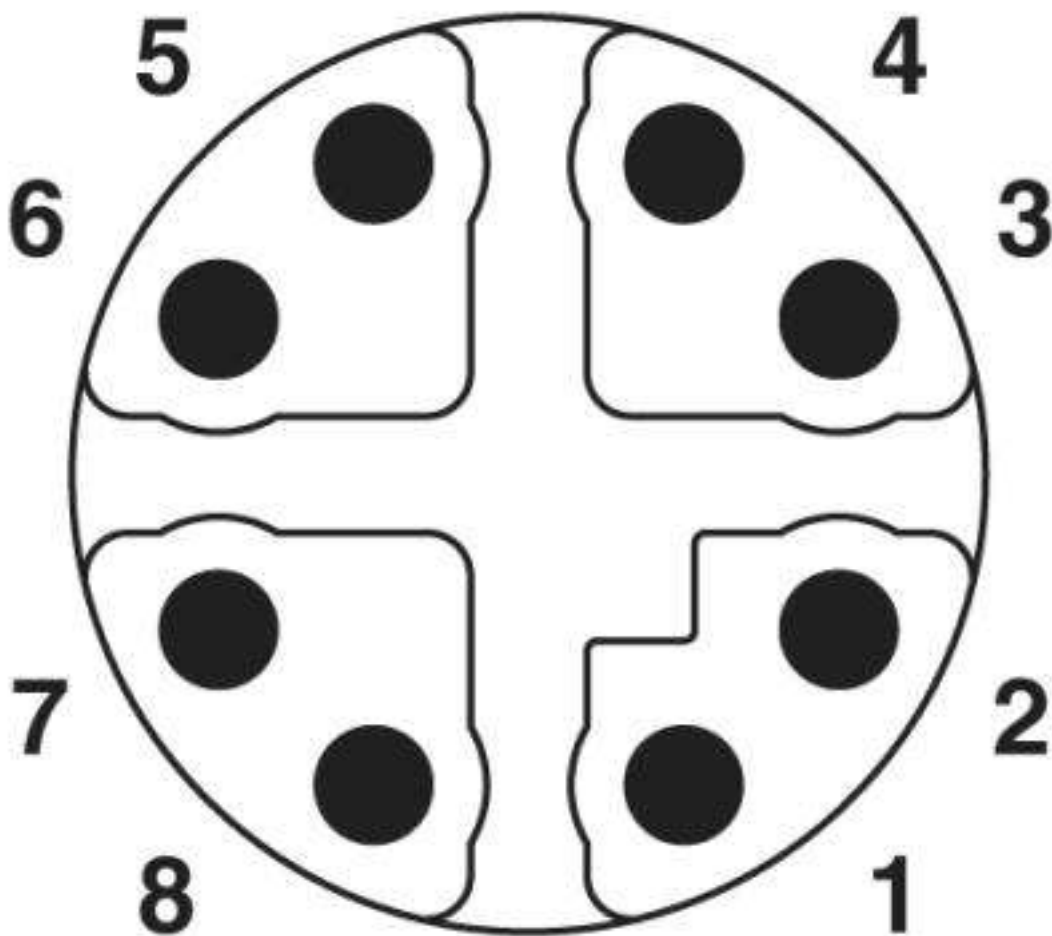
### Dimensioned drawing



Dimens. drawing: M12 connectors

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Schematic diagram



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