

## Bus system plug-in connector - VS-08-M12MR-10G-P SCO - 1417443

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M12 plug-in connector, CAT6<sub>A</sub>, plug-in connector, angled, 8-pos., shielded, for cable diameters of 4 mm ... 8 mm



### Key commercial data

Packing unit	1 PCE
Catalog page	Page 292 (PC-2011)
GTIN	 4 046356 530712
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

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### Technical data

#### General characteristics

Degree of protection	IP65/67
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
Connection method	Piercecon®
Conductor cross section stranded min.	0.14 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	26
External diameter	4 mm ... 8 mm
Conductor cross section	0.14 mm <sup>2</sup>
Connection cross section AWG	26
Insertion/withdrawal cycles	≥ 100
Transmission characteristics (category)	CAT6 <sub>A</sub>

### Classifications

#### ETIM

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

#### UNSPSC

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

#### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27260701
eCl@ss 5.1	27260701

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## Classifications

eCl@ss

eCl@ss 6.0	27279221
eCl@ss 7.0	27440104

## Approvals

Approvals

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Approvals

UL Recognized

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Ex Approvals

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Approvals submitted

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## Approval details

UL Recognized 	
Nominal current I <sub>N</sub>	0.5 A
Nominal voltage U <sub>N</sub>	60 V

## Accessories

Accessories

Protection and sealing elements

Sealing cap - PROT-M12 FS-PA-CHAIN - 1430873

M12 sealing cap made of plastic with fixing band, for sensor cables, for free M12 sockets



Tools

## Bus system plug-in connector - VS-08-M12MR-10G-P SCO - 1417443

### Accessories

Diagonal cutter - MICROFOX-SP-1 - 1212487



Electronic diagonal cutter, tapered head, without chamfer, with opening spring, non-reflective phosphate-treated surface, punched version

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Torque screwdriver - TSD 04 SAC - 1208429



Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

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Tool - SAC BIT M12-D15 - 1208432



Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive

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Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



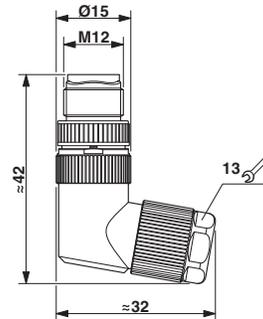
Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

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### Drawings

## Bus system plug-in connector - VS-08-M12MR-10G-P SCO - 1417443

Dimensioned drawing



Dimens. drawing: M12 connectors

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Schematic diagram

