



THE DATASHEET OF
1417443




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

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M12 plug-in connector, CAT6_A, 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 ²
Conductor cross section AWG/kcmil min.	26
External diameter	4 mm ... 8 mm
Conductor cross section	0.14 mm ²
Connection cross section AWG	26
Insertion/withdrawal cycles	≥ 100
Transmission characteristics (category)	CAT6 _A

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


Approvals

UL Recognized

Ex Approvals

Approvals submitted

Approval details

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

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Accessories

Diagonal cutter - MICROFOX-SP-1 - 1212487



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

Torque screwdriver - TSD 04 SAC - 1208429



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

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

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



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

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

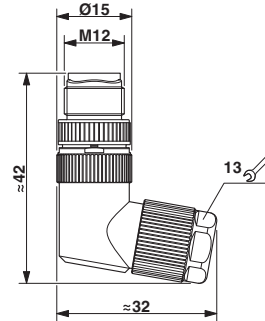


Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

Drawings

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

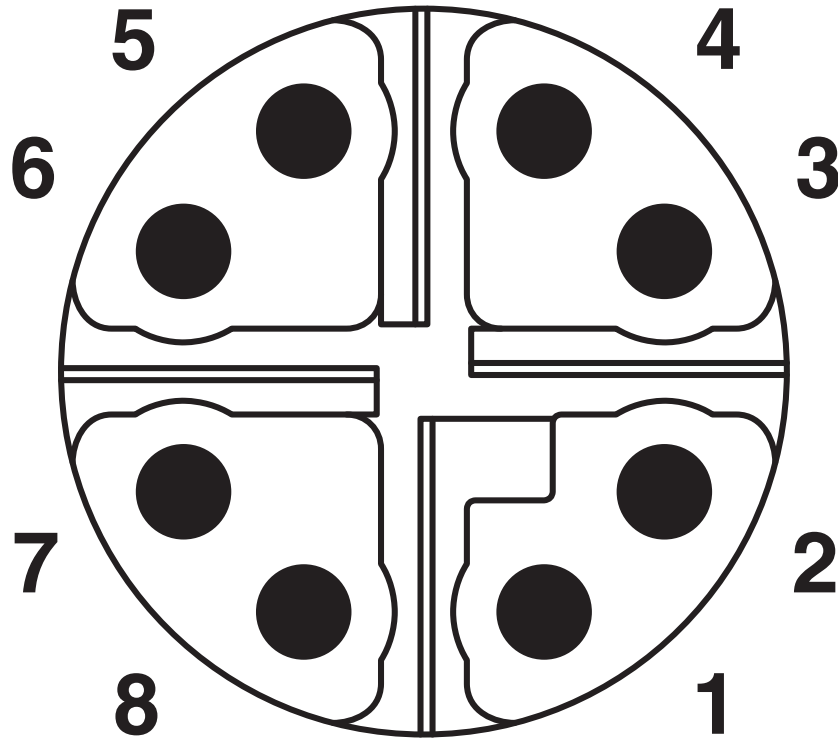
Dimensioned drawing



Dimens. drawing: M12 connectors

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Schematic diagram



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