VS-EC-MSDB SH SCO - Device connector front mounting

1440711

https://www.phoenixcontact.com/us/products/1440711

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Device connector front mounting, 4-position, Socket, straight, M12-SPEEDCON, Wave soldering, this item is expected to be lead-free from Q2 2026 in accordance with RoHS II without exception 6c (Pb < 0.1%), a lead-free alternative is possible on request in advance

Your advantages

- Easy PCB assembly: one-piece connectors for wave soldering
- For high transmission reliability: optional shield connection to the housing by means of shield contact
- SPEEDCON fast locking system reduces cabling times

Commercial data

Item number	1440711
Packing unit	20 pc
Minimum order quantity	20 pc
Sales key	AB27
Product key	ABQSAI
GTIN	4046356554053
Weight per piece (including packing)	11.185 g
Weight per piece (excluding packing)	10.117 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Mounting

Mounting type	Front mounting (M12 x 1, with locking nut)

Product properties

Product type	Circular connectors (device side)
Number of positions	4
Shielded	yes

Material specifications

Material Housing	GD-Zn
Material Housing surface	Ni
Material Contact	Cu alloy
Material Contact surface	Au
Flammability rating according to UL 94	V0

Electrical properties

Nominal voltage U_N	30 V
Nominal current I_N	1 A
Transmission characteristics (category)	CAT7, for USB 2.0 (480 Mbps)

Connection data

Conductor connection

Connection method	Wave soldering

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 100

Connector

Connection 1

Head design	Socket
Head cable outlet	straight
Head thread type	M12
Head locking type	SPEEDCON

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation) (male connector/female connector)	-25 °C ... 85 °C (Plug / socket)

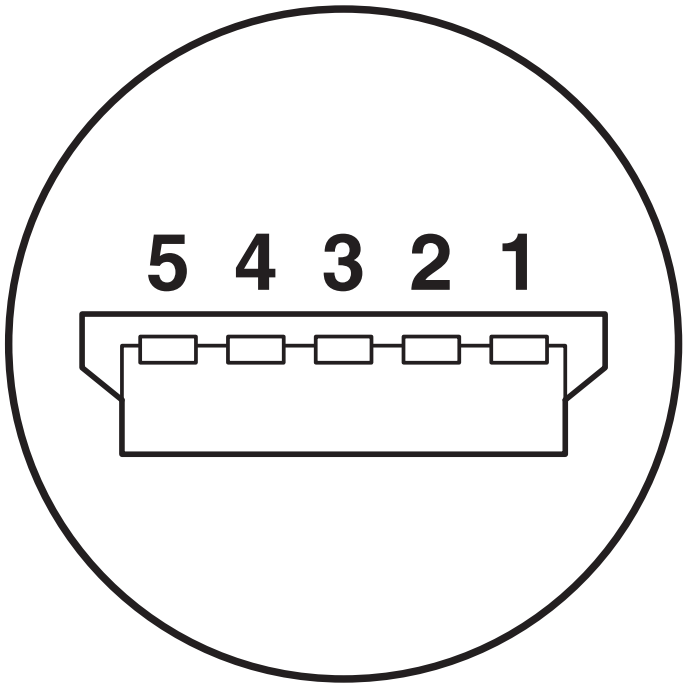
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UL Type Rating	Type 4 (indoor use only)

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Drawings

Schematic diagram



Connector pin assignment

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Classifications

ECLASS

ECLASS-13.0	27440110
ECLASS-15.0	27440110

ETIM

ETIM 9.0	EC003568

UNSPSC

UNSPSC 21.0	39121400

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	491229b7-7486-4d50-82c2-05c47764e7c1

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