

Network cable - VS-M12FSBP-OE-94B-LI/0,5 - 1401057

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Assembled Ethernet cable, shielded, 4-pair, AWG 26 stranded (7-wire), RAL 5021 (sea blue), M12 flush-type socket, rear wall/screw mounting with M16 thread on free cable end, line, length 0.5 m

Your advantages

- ✓ Pre-assembled with cables in various standard lengths for immediate use
- ✓ Customer-specific assemblies and cable lengths can be supplied
- ✓ Sealed on the cable side for optimum tightness of seal
- ✓ Cable designs for all common networks and fieldbuses
- ✓ For high transmission safety: shield connection to the housing with optional EMC nut



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 046356 520942
GTIN	4046356520942
Weight per Piece (excluding packing)	40.000 g
Custom tariff number	85444290
Country of origin	Germany

Technical data

Mechanical characteristics

Overvoltage category	II
Degree of pollution	3
Cable outlet	straight
No. of cable outlets	1

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Technical data

Mechanical characteristics

Weight	47.7 g
Flammability rating according to UL 94	V0

Ambient conditions

Ambient temperature (operation)	-25 °C ... 85 °C (Plug / socket)
	-40 °C ... 85 °C (without mechanical actuation)
	-25 °C ... 85 °C (cable, flexible installation)
	-40 °C ... 85 °C (cable, fixed installation)
Degree of protection	IP67 (When plugged in)
	IP65 (When plugged in)

Material data

Contact surface material	Ni/Au
Contact material	CuZn

Electrical characteristics

Transmission speed	1 Gbps
Resistance	100 MΩ

Standards and Regulations

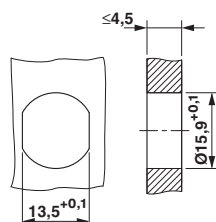
Flammability rating according to UL 94	V0
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Environmental Product Compliance

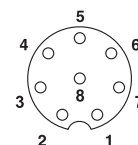
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Schematic diagram

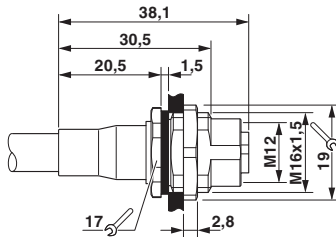


Pin assignment M12 socket, 8-pos., A-coded, view female side

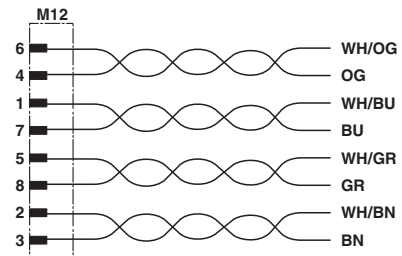
Housing cutout for M16 fastening thread, mounting panel with feed-through hole (alternatively with surface as protection against rotation)

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Dimensional drawing



Circuit diagram



M12 flush-type connector

Contact assignment of the M12 plug and the M12 socket

Cable cross section



Ethernet flexible CAT5, 4-pair [94B]

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Classifications

eCl@ss

eCl@ss 10.0.1	27060311
eCl@ss 11.0	27060311
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27060300
eCl@ss 5.1	27060300
eCl@ss 6.0	27279200
eCl@ss 7.0	27279218
eCl@ss 9.0	27060311

ETIM

ETIM 3.0	EC000830
ETIM 4.0	EC002599
ETIM 6.0	EC001855
ETIM 7.0	EC001855

UNSPSC

UNSPSC 6.01	26121616
UNSPSC 7.0901	26121616
UNSPSC 11	26121604
UNSPSC 12.01	31261501
UNSPSC 13.2	31251501
UNSPSC 19.0	31251501
UNSPSC 20.0	31251501
UNSPSC 21.0	31251501

Approvals

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EAC

Ex Approvals

Approval details

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Approvals

EAC		19060508
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