

## 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


### Why buy this product

- ✓ 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



**Ethernet**

### Key Commercial Data

Packing unit	1 STK
Minimum order quantity	50 STK
GTIN	 4 046356 520942
GTIN	4046356520942

### Technical data

#### Mechanical characteristics

Number of positions	8
Shielded	Yes
Insertion/withdrawal cycles	≥ 100
Cable diameter	6.40 mm
Cable outlet	straight
Cable structure	4x2xAWG26/7; S-UTP
Length of cable	0.5 m
Insulation resistance	≥ 100 MΩ
Degree of protection	IP67
	IP67

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## Technical data

### Mechanical characteristics

No. of cable outlets	1
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### 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
	IP67

### Material data

Flammability rating according to UL 94	V0
Contact material	CuZn
Contact surface material	Ni/Au
Sealing material	FKM
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021

### Electrical characteristics

Rated surge voltage	0.8 kV
Insulation resistance	≥ 100 MΩ

### Standards and Regulations

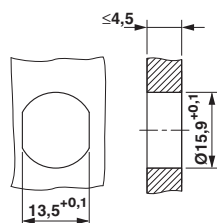
Flammability rating according to UL 94	V0
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### Environmental Product Compliance

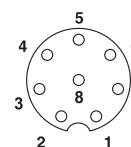
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## 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)

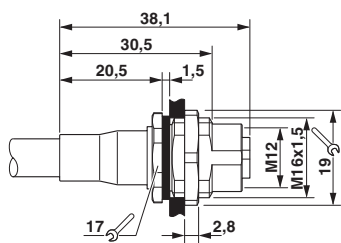
Network cable - VS-M12FSBP-OE-94B-LI/0,5 - 1401057

Cable cross section



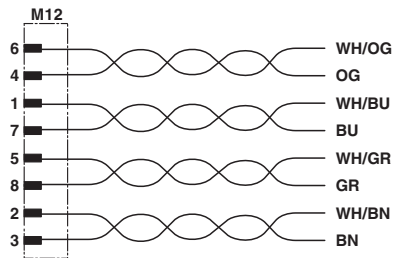
Ethernet, flexible, CAT5 [94B]

Dimensional drawing



M12 flush-type connector

Circuit diagram



Contact assignment of the M12 plug and the M12 socket

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.00767
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