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Especialistas en Automatización

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## Network cable - VS-FSBPXS-OE-94F/2,0 - 1424151

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Assembled Ethernet cable, CAT6<sub>A</sub>, shielded, 4-pair, 26 AWG stranded (7-wire), RAL 5021 (water blue), M12 flush-type socket, rear/screw mounting with M16 thread to free cable end, length: 2 m



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 692632

### Technical data

#### Mechanical characteristics

Number of positions	8
Number of slots	1
Insertion/withdrawal cycles	≥ 100
Cable exit	straight
Length of cable	2 m

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)
	-40 °C ... 90 °C (without mechanical actuation)
Degree of protection	IP65
	IP67

#### Material data

Flammability rating according to UL 94	V0
Contact carrier material	PPA
Contact material	CuZn
Contact surface material	Au
Cable gland material	Zinc die-cast, nickel-plated

# Network cable - VS-FSBPXS-OE-94F/2,0 - 1424151

## Technical data

### Material data

Sealing material	FKM
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### Electrical characteristics

Rated surge voltage	0.8 kV
Insulation resistance	≥ 100 MΩ
Transmission characteristics (category)	CAT6 <sub>A</sub>

### Standards and Regulations

Flammability rating according to UL 94	V0
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## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27060300
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27440103

### ETIM

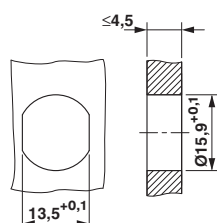
ETIM 3.0	EC001855
ETIM 4.0	EC002062
ETIM 5.0	EC002599

### UNSPSC

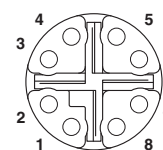
UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	39121413

## Drawings

Dimensional drawing



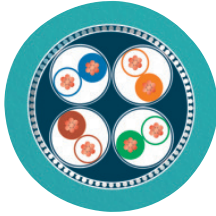
Schematic diagram



M12 socket pin assignment, 8-pos, view of socket side

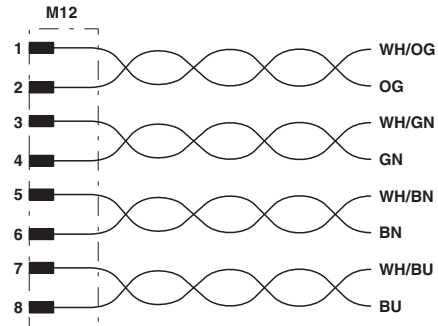
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Cable cross section



Ethernet 10 Gbit [94F]

Circuit diagram



Contact assignment of the M12 plug

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