

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

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Assembled Ethernet cable, CAT6_A, 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

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
GTIN	
GTIN	4046356692632

Technical data

Mechanical characteristics

Number of positions	8
Number of slots	1
Insertion/withdrawal cycles	≥ 100
Length of cable	2 m
Insulation resistance	≥ 100 MΩ
Degree of protection	IP65/IP67
No. of cable outlets	1
Type of note	Notes on operation
Note	The electrical and mechanical data specified assume that the connector pair is correctly locked and mounted. If the connector is unlocked and if there is a danger of contamination, the connector must be sealed using

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Technical data

Mechanical characteristics

	a protective cap > IP54. Influences arising from litz wires, cables or PCB assembly must also be taken into consideration.
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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
Sealing material	FKM

Electrical characteristics

Rated surge voltage	0.8 kV
Insulation resistance	≥ 100 MΩ
Transmission characteristics (category)	CAT6 _A

Standards and Regulations

Flammability rating according to UL 94	V0
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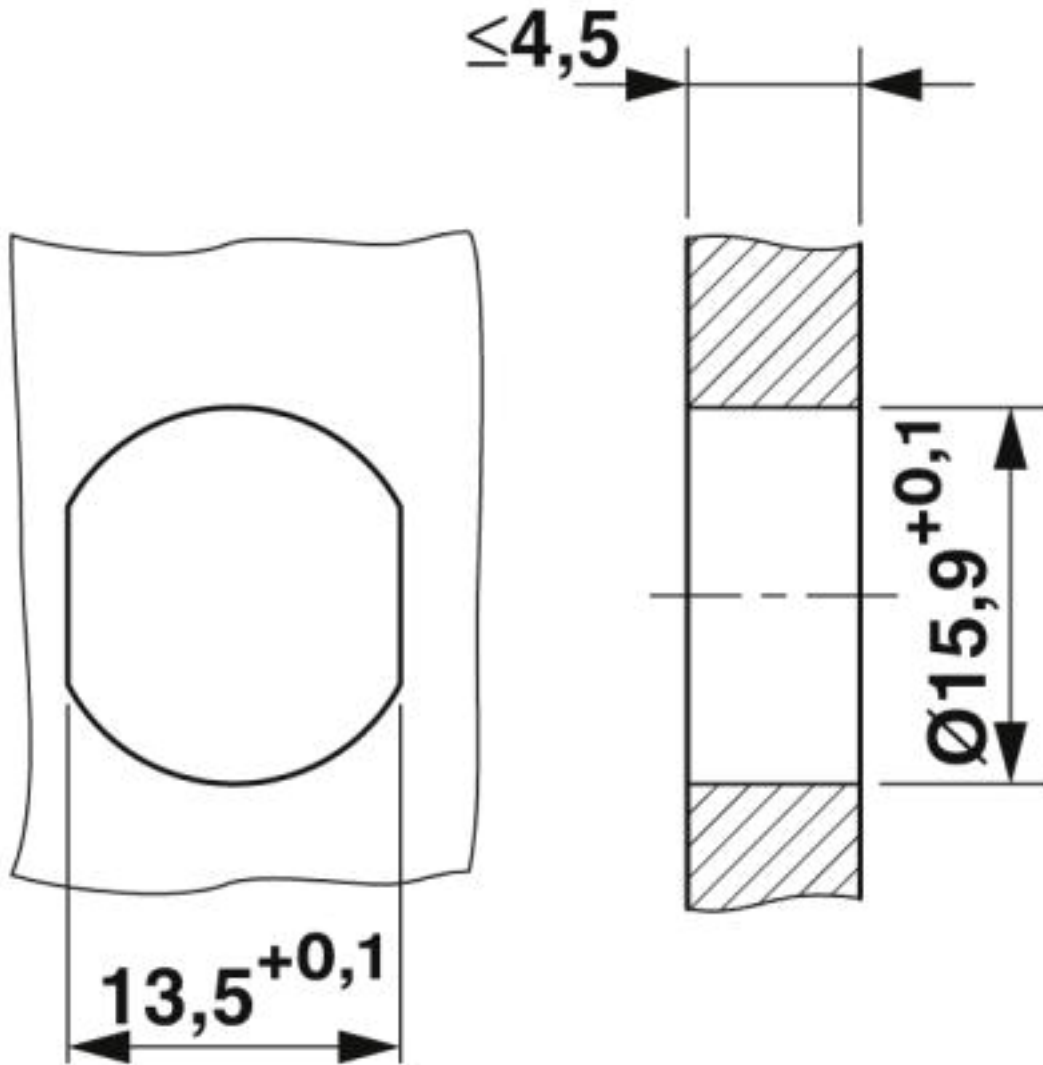
Environmental Product Compliance

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

Drawings

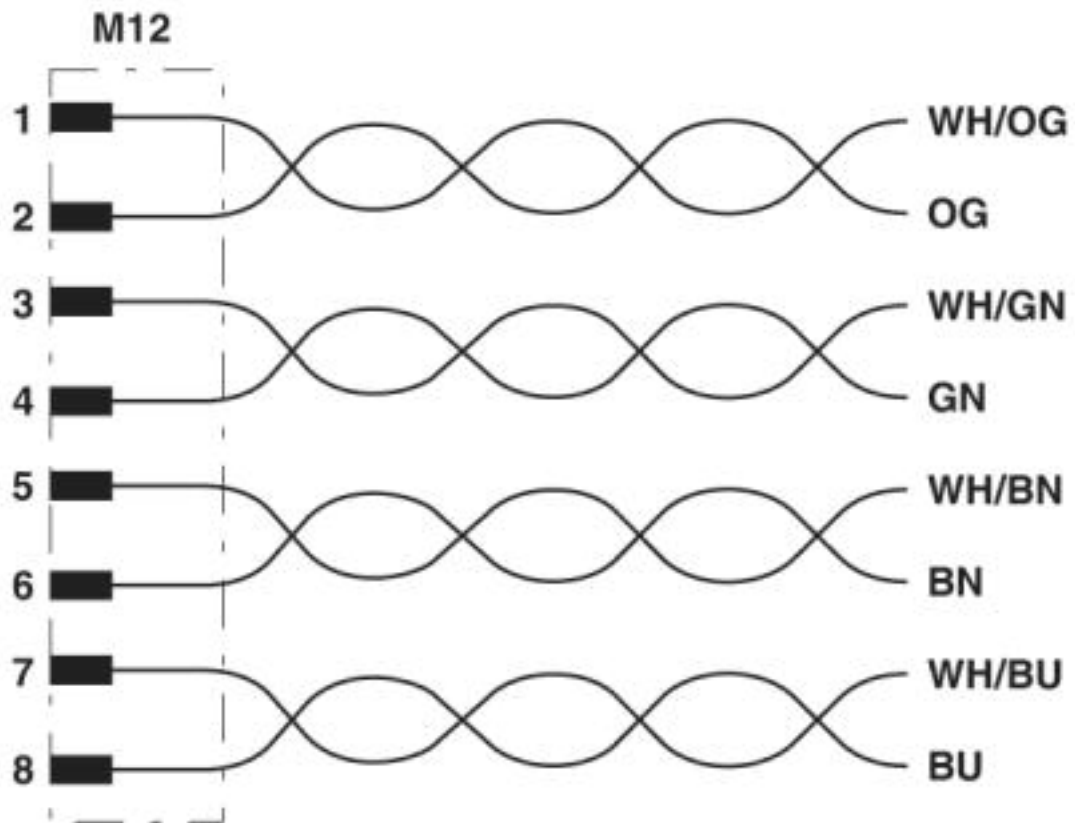
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Dimensional drawing



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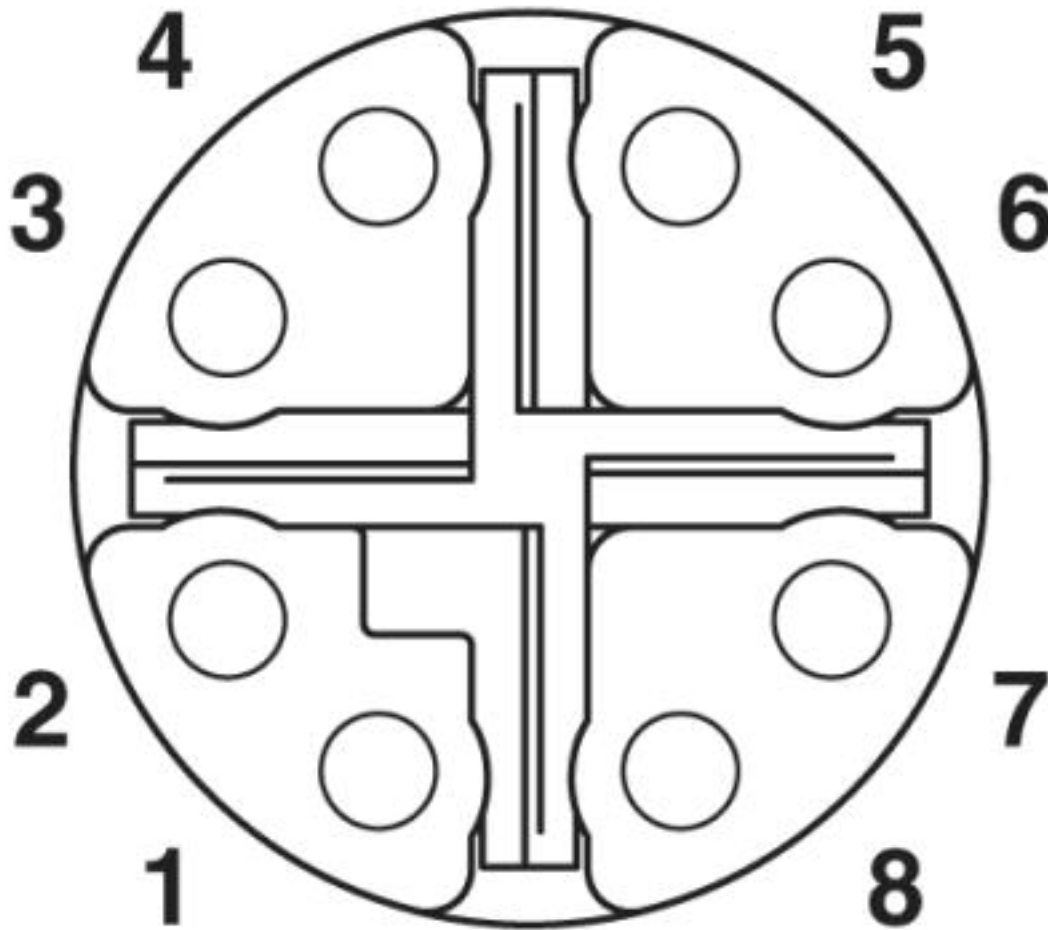
Circuit diagram



Contact assignment of the M12 plug

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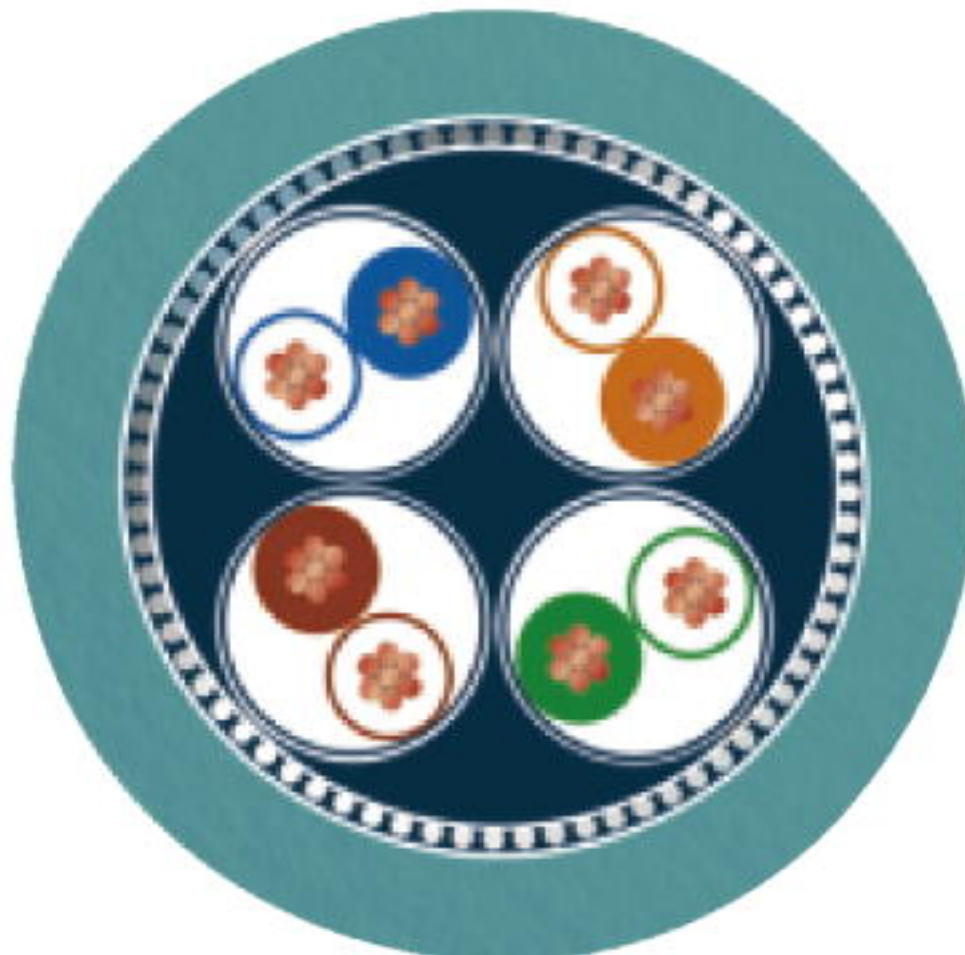
Schematic diagram



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

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Cable cross section



Ethernet 10 Gbit [94F]

Approvals

Approvals

Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized


Ex Approvals

Approval details


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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335024-20120308
Nominal voltage UN		60 V
Nominal current IN		0.5 A

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E335024-20120308
Nominal voltage UN		60 V
Nominal current IN		0.5 A

EAC		B.00767
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cULus Recognized	
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