

# VS-M12FSBP-IP20-94B-LI/0,3 - Network cable

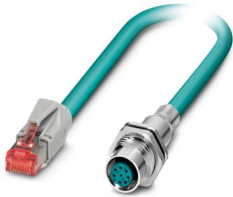


1403267

<https://www.phoenixcontact.com/us/products/1403267>

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Network cable, degree of protection: IP67/IP20, number of positions: 8



## Commercial data

Item number	1403267
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB25
Product key	ABNPAA
GTIN	4046356646215
Weight per piece (including packing)	50 g
Weight per piece (excluding packing)	44.861 g
Customs tariff number	85444210
Country of origin	PL

## Technical data

### Product properties

Product type	Circular connectors (device side)
Number of positions	8
Shielded	yes

### Material specifications

Outer sheath, material	PUR
Conductor material	Bare Cu litz wires

### Electrical properties

Transmission characteristics (category)	Class D
Wave impedance	100 Ω

### Cable/line

Cable type	Ethernet
Cable structure	4x2xAWG26/7; S/FTP
External cable diameter	6.40 mm
Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Wire diameter incl. insulation	1 mm
Single wire, color	white-blue, white-orange, white-green, white-brown
Cable cross section	0.14 mm <sup>2</sup>
Conductor material	Bare Cu litz wires
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Wave impedance	100 Ω ±15 % (at 1 ... 100 MHz)
Smallest bending radius, fixed installation	min. 32 mm (cable, fixed installation)
Smallest bending radius, movable installation	min. 32 mm (Cable, flexible installation)
Ambient temperature (operation)	-25 °C ... 80 °C (Cable, flexible installation)

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP67/IP20
Ambient temperature (operation)	Plug / socket
Ambient temperature (operation) (male connector/female connector)	-40 °C ... 80 °C (without mechanical actuation)
Ambient temperature (operation) (Cable, flexible installation)	-25 °C ... 80 °C (Cable, flexible installation)

### Standards and regulations

Standard designation	M12 circular connector
Standards/specifications	according to IEC 61076-2-101

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1403267>



**EAC**

Approval ID: 19060508

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## Classifications

### ECLASS

ECLASS-13.0	27440103
ECLASS-15.0	27440103

### ETIM

ETIM 10.0	EC003570
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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