


# Flush-type connector - VS-FSBPXS-OE-94F/10,0 - 1410147

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## Key Commercial Data

Packing unit	1 pc
Minimum order quantity	20 pc
GTIN	 4 046356 892353
GTIN	4046356892353

## Technical data

### Dimensions

Fixed cable length	10
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### Ambient conditions

Ambient temperature (operation)	-25 ... -85
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### General

Standards/regulations	M12 connector IEC 61076-2-109
Overvoltage category	III
Mounting type	Rear wall/screw mounting
Thread type	M16 x 1.5
AWG signal line	26
Rated surge voltage	0.8 kV AC
Degree of pollution	3
Degree of protection	IP67
Number of positions	8
Current	0.5 A
Voltage	50 V AC
Degree of protection	IP65/IP67

### Connection data

Connection method	Bus line
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### Standards and Regulations

Standards/specifications	M12 connector IEC 61076-2-109
Flammability rating according to UL 94	V0

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## Technical data

### Standards and Regulations

Safety note	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	<ul style="list-style-type: none"> <li>• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.</li> </ul>
	<ul style="list-style-type: none"> <li>• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.</li> </ul>
	<ul style="list-style-type: none"> <li>• The products are suitable for applications in plant, controller, and electrical device engineering.</li> </ul>
	<ul style="list-style-type: none"> <li>• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.</li> </ul>
	<ul style="list-style-type: none"> <li>• Assembled products may not be manipulated or improperly opened.</li> </ul>
	<ul style="list-style-type: none"> <li>• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).</li> </ul>
	<ul style="list-style-type: none"> <li>• When using the product in direct connection with third-party manufacturers, the user is responsible.</li> </ul>
	<ul style="list-style-type: none"> <li>• For operating voltages &gt; 50 V AC, conductive connector housings must be grounded</li> </ul>
	<ul style="list-style-type: none"> <li>• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.</li> </ul>
	<ul style="list-style-type: none"> <li>• Observe the corresponding technical data. You will find information:                             <ul style="list-style-type: none"> <li>o On the product</li> <li>o On the packing label</li> <li>o In the supplied documentation</li> <li>o Online at phoenixcontact.com/products under the product</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• Only use tools recommended by Phoenix Contact</li> </ul>
	<ul style="list-style-type: none"> <li>• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products</li> </ul>
	<ul style="list-style-type: none"> <li>• Ensure that the protective or functional ground has been properly connected.</li> </ul>
	<ul style="list-style-type: none"> <li>• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector</li> </ul>
	<ul style="list-style-type: none"> <li>• The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12).</li> </ul>
Standards/specifications	M12 connector IEC 61076-2-109

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years

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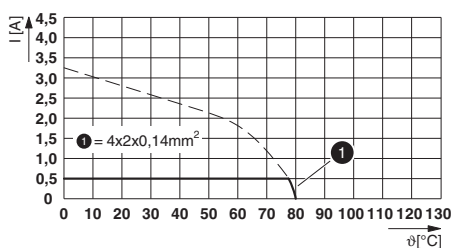
## Technical data

### Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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## Drawings

Diagram



I = current strength, T = ambient temperature

## Classifications

### eCl@ss

eCl@ss 10.0.1	27141137
eCl@ss 11.0	27281101
eCl@ss 5.0	27141100
eCl@ss 5.1	27143423
eCl@ss 6.0	27141100
eCl@ss 7.0	27141137
eCl@ss 9.0	27141137

### ETIM

ETIM 4.0	EC002498
ETIM 6.0	EC000761
ETIM 7.0	EC000761

### UNSPSC

UNSPSC 13.2	39131505
UNSPSC 18.0	39131505
UNSPSC 19.0	39131505
UNSPSC 20.0	39131505
UNSPSC 21.0	39131505

## Approvals

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## Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

### Approval details

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

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

EAC		B.01687
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cULus Recognized	
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