

# VS-BH-M12FSX-10G-RJ45/90 - Control cabinet feed-through



1404548

<https://www.phoenixcontact.com/us/products/1404548>

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Control cabinet feed-through, M12, 8-pos., X-coded to RJ45 socket, socket input 90°, IP65/67



## Your advantages

- Compact design

## Commercial data

Item number	1404548
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB18
Product key	ABNPBC
Catalog page	Page 348 (C-2-2019)
GTIN	4046356699419
Weight per piece (including packing)	37 g
Weight per piece (excluding packing)	36 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Type	M12
Product type	Female insert
Sensor type	Ethernet
Number of positions	8
Connection profile	M12
Number of slots	1
Shielded	yes
Cable outlet	angled
Thread type	M12

### Insulation characteristics

Overvoltage category	III
Degree of pollution	2

### Electrical properties

Maximum load current	0.5 A
Rated voltage (III/3)	72 V (DC)
Rated surge voltage	0.8 kV
Rated current	1.75 A
Nominal voltage $U_N$	48 V
Nominal current $I_N$	0.5 A
Transmission medium	Copper
Transmission characteristics (category)	CAT6 <sub>A</sub>
Power transmission	PoE++

### Connection data

#### Connection technology

Connection method	Coupling
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### Material specifications

Color	black
Flammability rating according to UL 94	V0
Material of grip body	PA
Contact material	Copper alloy
Housing material	Plastic

### Connector

#### Connection 1

Type	Socket M12
Locking type	Screw connection

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Coding type	X
Shielded	yes
Insertion/withdrawal cycles	≥ 750 (RJ45)
Degree of protection	IP65/IP67

## Connection 2

Type	Socket RJ45
Degree of protection	IP20

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 100
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP65
	IP67
	IP65/IP67, when installed
Ambient temperature (operation)	-25 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

## Mounting

Mounting type	Rear mounting
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## Classifications

### ECLASS

ECLASS-11.0	27440312
ECLASS-13.0	27440312
ECLASS-12.0	27440312

### ETIM

ETIM 9.0	EC002641
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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