

# SAC-5PH-M-F/2XF SH1 SCO - H distributor



1417414

<https://www.phoenixcontact.com/us/products/1417414>

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H distributor, 5-position, Plug straight M12, coding: A, on Socket straight M12, coding: A and Socket straight M12, coding: A, Thread M12 not rotatable, Parallel distributor

## Your advantages

- Safe use in the field, thanks to a high degree of protection
- Reliable signal transmission – 360° shielding in environments with electromagnetic interference

## Commercial data

Item number	1417414
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF10
Product key	BF1GAC
Catalog page	Page 436 (C-2-2019)
GTIN	4046356525138
Weight per piece (including packing)	60.8 g
Weight per piece (excluding packing)	60 g
Customs tariff number	85366990
Country of origin	PL

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## Technical data

### Product properties

Product type	H-distributor
Number of positions	5
No. of cable outlets	3
Shielded	yes
Coding	A
Thread type	M12

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

### Electrical properties

Insulation resistance	$\geq 100 \text{ M}\Omega$
Nominal voltage $U_N$	48 V AC
	60 V DC
Nominal current $I_N$	4 A

### Signaling

Status display	No
Status display present	No

### Dimensions

Dimensional drawing	
Width	39 mm
Height	16 mm
Length	58.8 mm
Center distance	21 mm

### Material specifications

Flammability rating according to UL 94	V0
Seal material	NBR
Material of grip body	TPU, hardly inflammable, self-extinguishing
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	TPU GF
Material for screw connection	Zinc die-cast, nickel-plated

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## Connector

### Connection 1

Type	Plug straight M12
Coding type	A

### Connection 2

Type	Socket straight M12
Coding type	A

### Connection 3

Type	Socket straight M12
Coding type	A

## Mechanical properties

### Mechanical data

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

### Ambient conditions

Degree of protection	IP65
	IP67
Ambient temperature (operation)	-25 °C ... 90 °C (Plug / socket)

## Standards and regulations

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

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## Classifications

### ECLASS

ECLASS-11.0	27440106
ECLASS-12.0	27440106
ECLASS-13.0	27440106

### ETIM

ETIM 9.0	EC002925
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### UNSPSC

UNSPSC 21.0	31251500
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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