

# SAC-4P-M 8MS-M12FS - Adapter



1519736  
<https://www.phoenixcontact.com/il/products/1519736>

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Adapter, 4-position, Plug straight M8, coding: A, on Socket straight M12, coding: A

## Commercial data

Item number	1519736
Packing unit	5 pc
Minimum order quantity	1 pc
Product key	BF1GBA
Catalog page	Page 254 (C-2-2019)
GTIN	4046356019927
Weight per piece (including packing)	15.61 g
Weight per piece (excluding packing)	11.95 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	M8/M12 adapters
Number of positions	4
No. of cable outlets	1
Coding	A

### Insulation characteristics

Overvoltage category	II
Degree of pollution	3

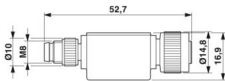
### Electrical properties

Insulation resistance	≥ 100 MΩ
Nominal voltage U <sub>N</sub>	30 V AC
	30 V DC
Nominal current I <sub>N</sub>	4 A

### Signaling

Status display	No
Status display present	No

### Dimensions

Dimensional drawing	
Width	17 mm
Height	14.8 mm
Length	52.7 mm

### Material specifications

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

### Connector

#### Connection 1

Type	Plug straight M8
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Number of positions	4
Coding type	A

## Connection 2

Type	Socket straight M12
Number of positions	4
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

## Standards and regulations

### M12

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

### M8

Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

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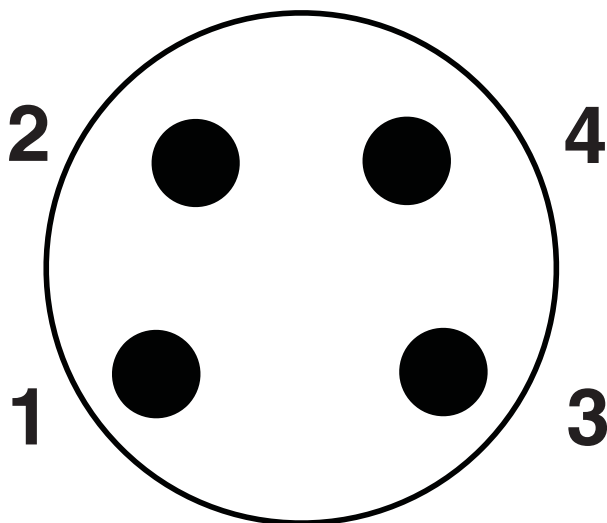
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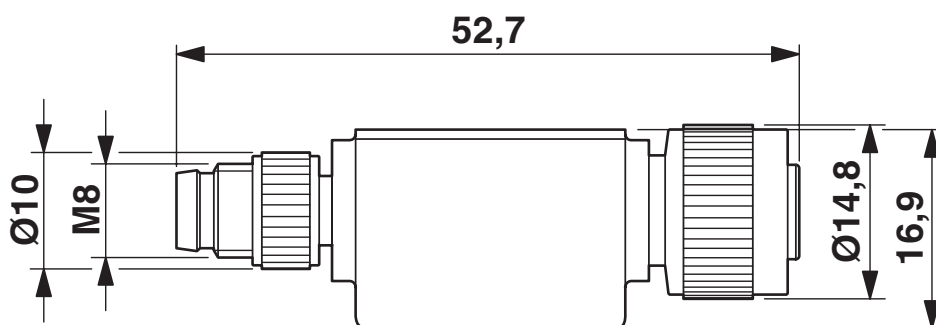
## Drawings

Schematic diagram



Pin assignment M8 plug, 4-pos., view male side

Dimensional drawing



M8/M12 adapter

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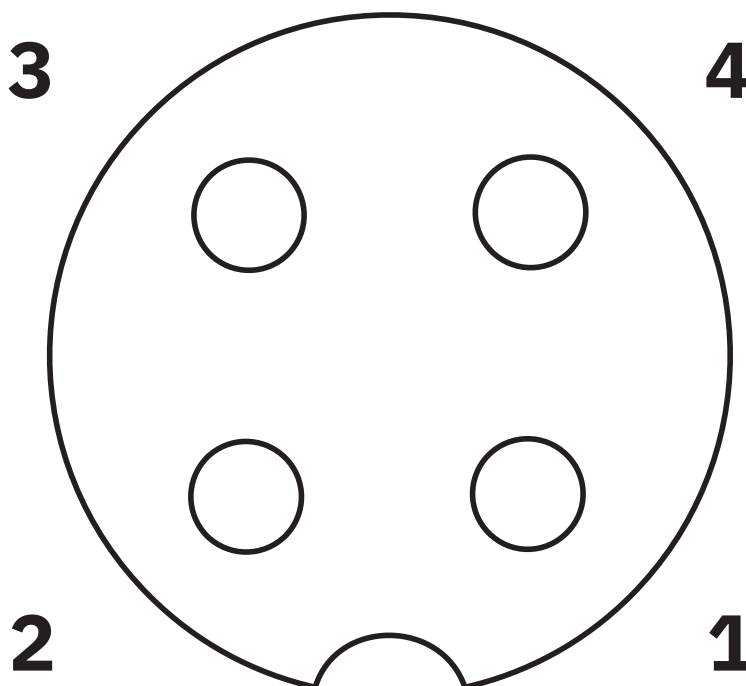


Schematic diagram



Layout of connector pin assignments

Schematic diagram



Pin assignment M12 socket, 4-pos., A-coded, view female side

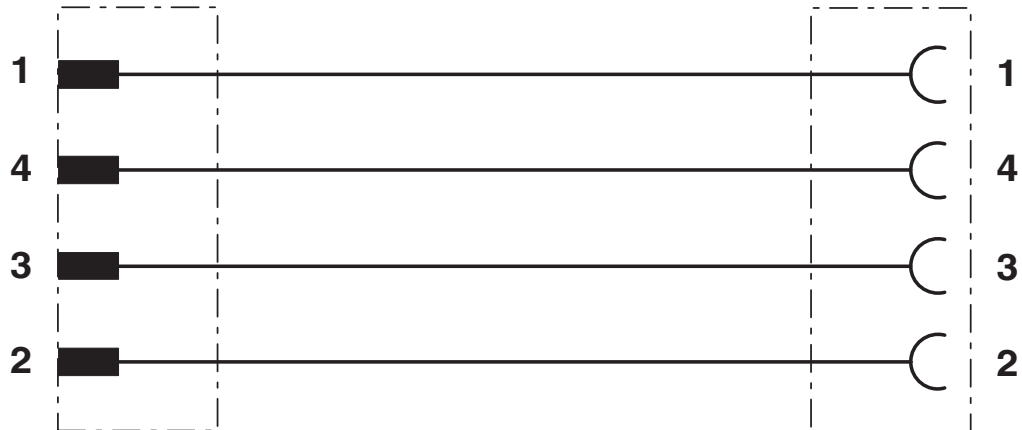
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Circuit diagram



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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/il/products/1519736>



**EAC**  
Approval ID: RU C-DE.AI30.B.01102

	<b>UL Listed</b> Approval ID: FILE E 221474			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	30 V	4 A	-	-

	<b>cUL Listed</b> Approval ID: FILE E 221474			
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
	30 V	4 A	-	-

**cULus Listed**

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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

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	3bc1772b-698f-4b93-b659-9933a1cb74c7

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