

SAC-4P-M12MS-M 8SIFS - Adapter



1519778

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



Commercial data

Item number	1519778
Packing unit	5 pc
Minimum order quantity	1 pc
Product key	BF1GBA
Catalog page	Page 254 (C-2-2019)
GTIN	4046356019965
Weight per piece (including packing)	12.49 g
Weight per piece (excluding packing)	8.69 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

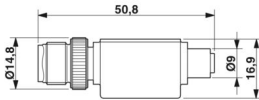
Electrical properties

Insulation resistance	$\geq 100\text{ M}\Omega$
Nominal voltage U_N	30 V AC
	30 V DC
Nominal current I_N	4 A

Signaling

Status display	No
Status display present	No

Dimensions

Dimensional drawing	
Width	17 mm
Height	14.8 mm
Length	50.8 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

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Connection 1

Type	Plug straight M12
Number of positions	4
Coding type	A

Connection 2

Type	Socket straight M8 Snap-in
Number of positions	4
Locking type	Snap-in
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

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101
Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

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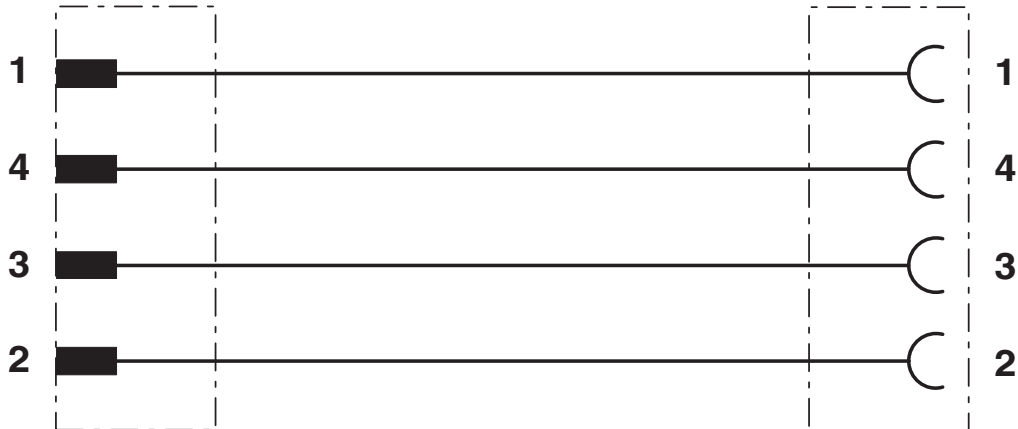
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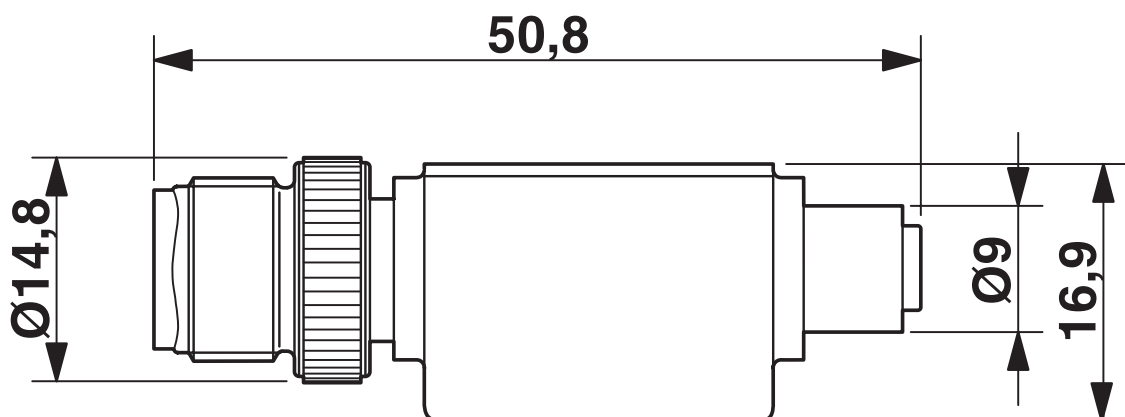


Drawings

Circuit diagram



Dimensional drawing



M8/M12 adapter

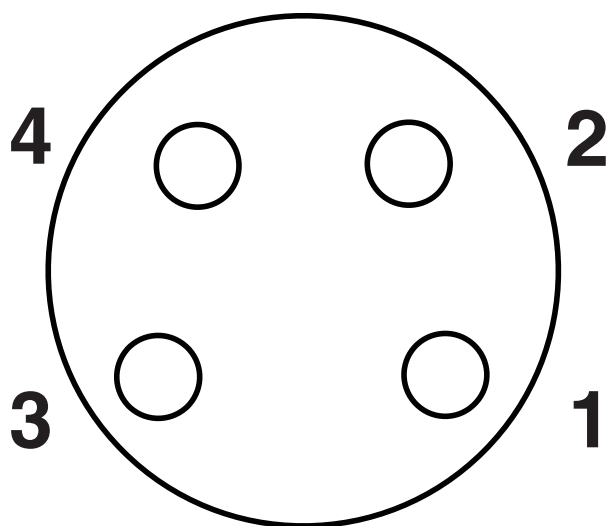
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Schematic diagram



Pin assignment M8 socket, 4-pos., view female side

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Schematic diagram



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

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Approvals

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	EAC Approval ID: RU C-DE.AI30.B.01102
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	UL Listed Approval ID: E221474			
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section mm ²
	30 V	4 A	-	-

 cUL Listed Approval ID: E221474				
	Nominal voltage U _N	Nominal current I _N	Cross section AWG	Cross section 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, No exemptions
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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PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com