

# Adapter - SAC-3P-M12MS-M 8FS - 1519752

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Adapter, 3-position, Plug straight M12, A-coded, on Socket straight M8, A-coded



## Key Commercial Data

Packing unit	5 pc
GTIN	
GTIN	4046356019941

## Technical data

### Ambient conditions

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

### General

Rated current at 40°C	4 A
Rated voltage	48 V AC 60 V DC
Number of positions	3
Insulation resistance	≥ 100 MΩ
Coding	A - standard
Standards/regulations	M12 connector IEC 61076-2-101 M8 connector IEC 61076-2-104
Status display	No
Overvoltage category	II
Degree of pollution	3
Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector) 0.2 Nm (M8 connectors)

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## Technical data

### Material

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

### Standards and Regulations

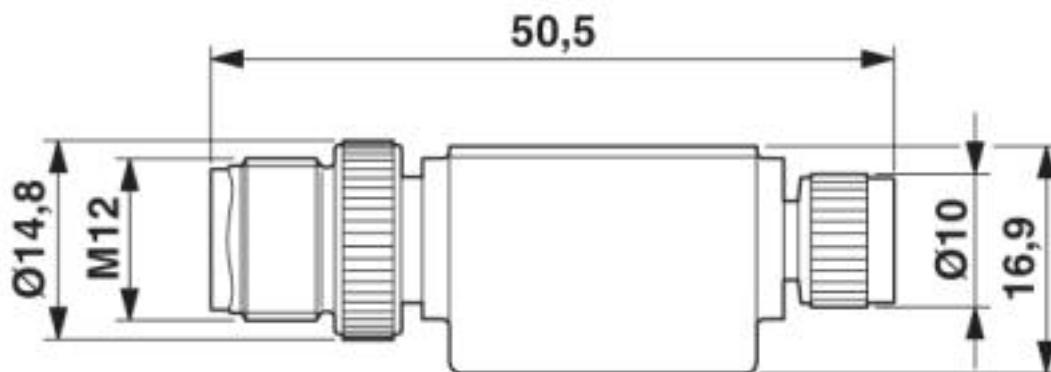
Standard designation	M12 connector
Standards/regulations	IEC 61076-2-101
Standard designation	M8 connector
Standards/regulations	IEC 61076-2-104
Flammability rating according to UL 94	HB

### Environmental Product Compliance

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

## Drawings

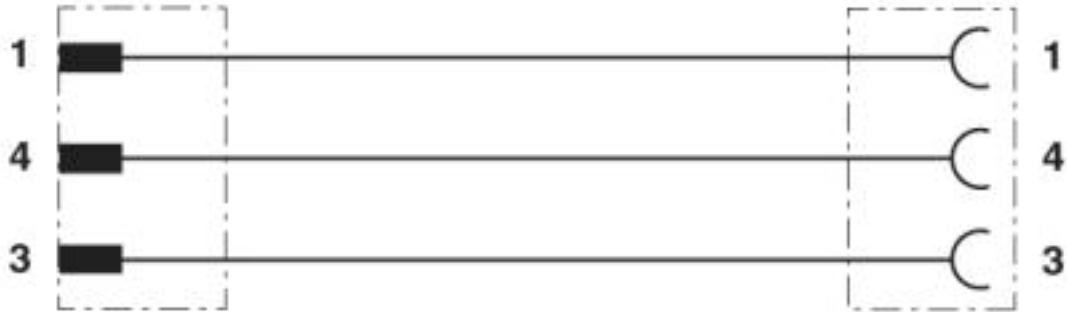
Dimensional drawing



M8/M12 adapter

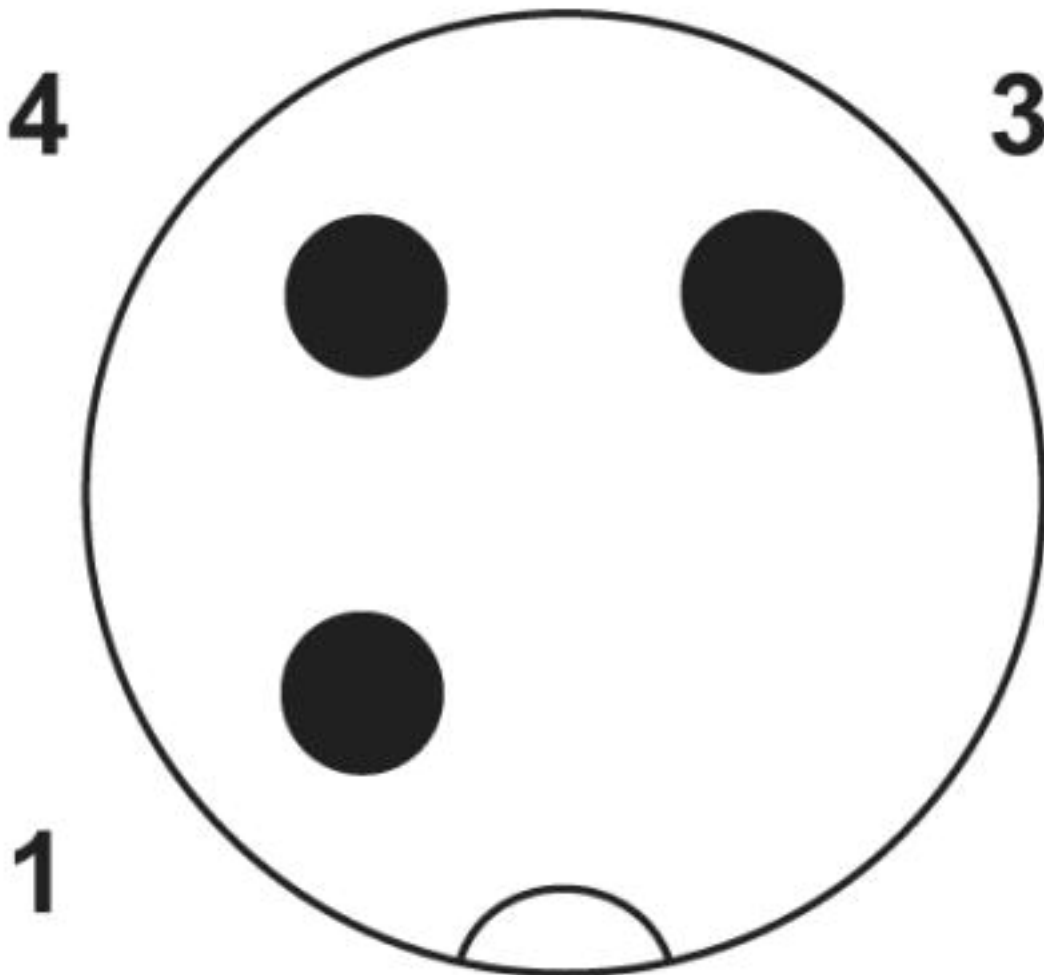
# Adapter - SAC-3P-M12MS-M 8FS - 1519752

Circuit diagram



Contact assignment of M8 plugs / M12 sockets

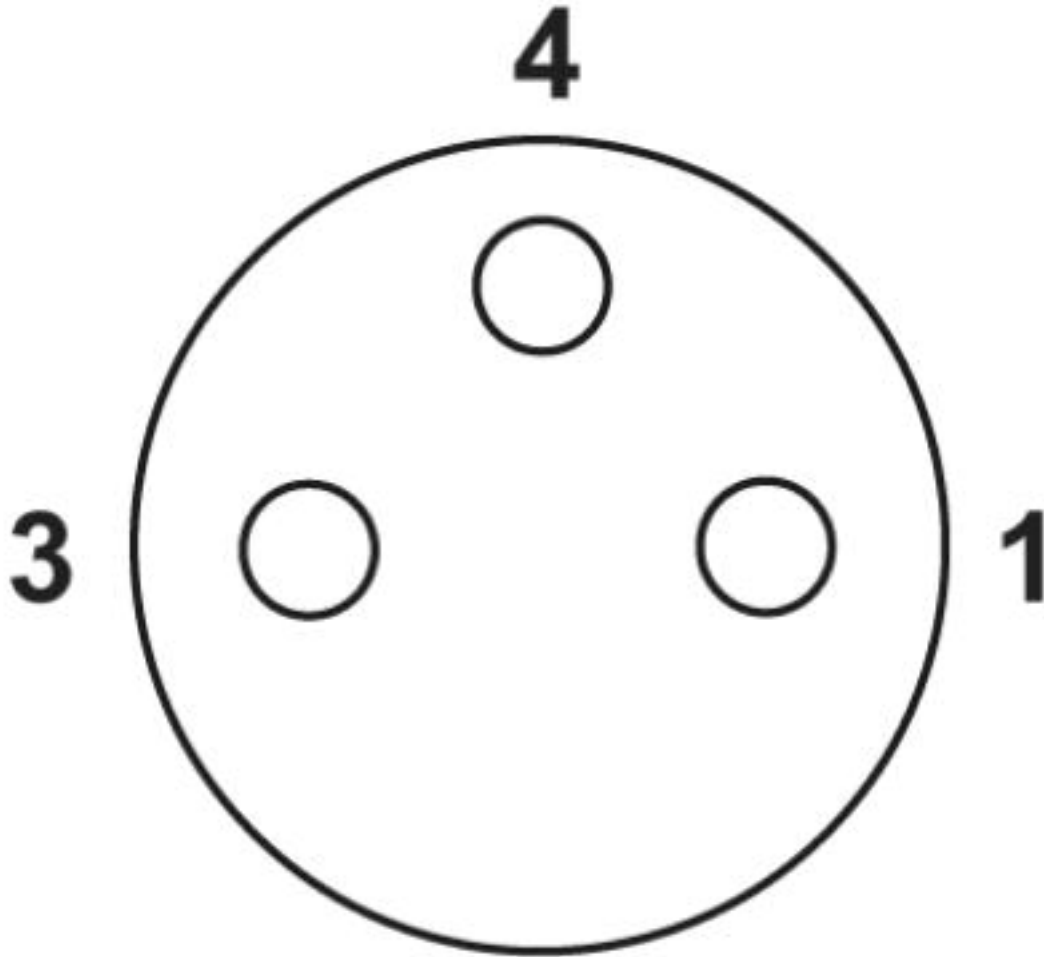
Schematic diagram



Pin assignment M12 plug, 3-pos., A-coded, view male side

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Schematic diagram



Pin assignment M8 socket, 3-pos., view female side

## Approvals

Approvals

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Approvals

UL Listed / cUL Listed / EAC / EAC / cULus Listed

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Ex Approvals

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Approval details

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## Approvals

UL Listed		<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>	E221474
Nominal voltage UN		30 V	
Nominal current IN		4 A	

cUL Listed		<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>	E221474
Nominal voltage UN		30 V	
Nominal current IN		4 A	

EAC			RU C- DE.AI30.B.01102
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EAC			EAC-Zulassung
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cULus Listed			
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