

## Adapter - SAC-3P-M 8MS-M12FS - 1519749

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Adapter, from M8 male plug to M12 female plug, 3-pos.



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	5 pc
Weight per Piece (excluding packing)	15.33 g
Custom tariff number	85366990
Country of origin	Germany

### 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	60 V
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
Pollution degree	3

# Adapter - SAC-3P-M 8MS-M12FS - 1519749

## Technical data

### General

Insertion/withdrawal cycles	≥ 100
Torque	0.4 Nm (M12 connector)
	0.2 Nm (M8 connectors)

### 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

## Classifications

### eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27440104

### ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 5.0	EC002062

### UNSPSC

UNSPSC 6.01	31251501
-------------	----------

# Adapter - SAC-3P-M 8MS-M12FS - 1519749

## Classifications

### UNSPSC

UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501

## Approvals

### Approvals

---

Approvals

EAC / EAC

---

Ex Approvals

---

Approvals submitted

---

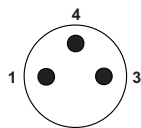
### Approval details

EAC

EAC

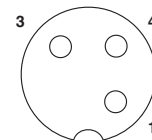
## Drawings

Schematic diagram



Pin assignment M8 plug, 3-pos., view male side

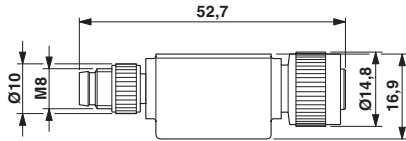
Schematic diagram



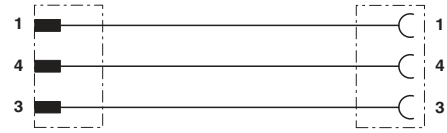
Pin assignment M12 socket, 3-pos., A-coded, view female side

## Adapter - SAC-3P-M 8MS-M12FS - 1519749

Dimensional drawing



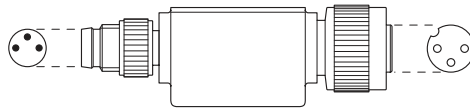
Circuit diagram



M8/M12 adapter

Contact assignment of M8 plugs / M12 sockets

Schematic diagram



Layout of connector pin assignments