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Especialistas en Automatización

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## Adapter - SAC-4P-M 8MS-M12FS - 1519736

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Adapter, from M8 male plug to M12 female plug, 4-pos.

### Key Commercial Data

|              |                     |
|--------------|---------------------|
| Packing unit | 5 STK               |
| GTIN         | <br>4 046356 019927 |

### 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               | 30 V                          |
| Number of positions         | 4                             |
| 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)        |

#### Material

|  |       |
|--|-------|
| Flammability rating according to UL 94 | HB    |
| Contact material                       | CuSn  |
| Contact surface material               | Ni/Au |

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## Technical data

### Material

|                          |   |
|--------------------------|---|
| 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 |
| UNSPSC 7.0901 | 31251501 |
| UNSPSC 11     | 31251501 |
| UNSPSC 12.01  | 31251501 |
| UNSPSC 13.2   | 31251501 |

## Approvals

### Approvals

Approvals

EAC

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## Approvals

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Ex Approvals

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Approvals submitted

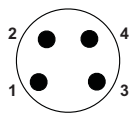
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Approval details

|     |
|-----|
| EAC |
|-----|

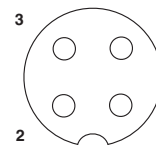
## Drawings

Schematic diagram



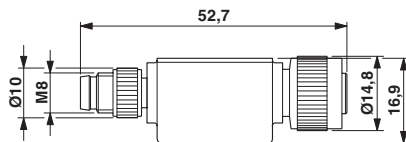
Pin assignment M8 plug, 4-pos., view male side

Schematic diagram



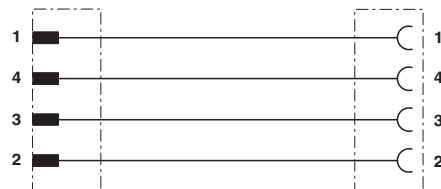
Pin assignment M12 socket, 4-pos., A-coded, view female side

Dimensional drawing



M8/M12 adapter

Circuit diagram



Contact assignment of the M8/M12 adapter

Schematic diagram



Layout of connector pin assignments

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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