

Coupler connector - SM-5EP1N8A9L32S - 1613425

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Coupler connector, straight, SPEEDCON locking, M40, Number of positions: 2+3+PE, Type of contact: Pin, Crimp connection, shielded: yes, Cable diameter: 9 mm...14 mm


The figure shows the 8-pos.
(4+3+PE) product version

Why buy this product

- ✓ Consistent EMC protection for reliable connection solutions in the industrial environment
- ✓ Crimping connection: vibration- and temperature-resistant assembly
- ✓ Flexible use: reliably connect various cable diameters

RoHS

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 400176 |
| GTIN | 4046356400176 |
| Weight per Piece (excluding packing) | 400.000 g |
| Custom tariff number | 85366990 |
| Country of origin | Germany |

Technical data

General

| | |
|---------------------------|---|
| Note | Order information: Order crimp contacts 2 x Ø 2 mm, 4 x Ø 3.6 mm separately |
| Type of locking | SPEEDCON locking |
| Coding | N |
| Contact connection method | Crimp connection |
| Type of contacts | Pin |

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Technical data

General

| | |
|--|----------------|
| Number of positions | 6 |
| Contact diameter of power contacts | 3.6 mm |
| Nominal current per power contact at 25°C | 70 A |
| Contact diameter of signal contacts | 2 mm |
| Nominal current per signal contact at 25°C | 30 A |
| Conductor entry | 9 mm ... 14 mm |
| Pg housing screw connection | none |

Ambient conditions

| | |
|----------------------|-------------------|
| Ambient temperature | -40 °C ... 125 °C |
| Degree of protection | IP67 |

Material

| | |
|----------------------------|---|
| Housing material | Turned parts: copper zinc alloy (CuZn), aluminum (Al), die-cast parts: zinc (GD-Zn) |
| Insulator material | PA 66 |
| Gasket and O-ring material | FPM |

Specifications according to DIN EN 61984:2001

| | |
|--|--------|
| Installation height max. | 3000 m |
| Nominal / operating voltage of power contacts | 630 V |
| Rated surge voltage of power contacts | 6 kV |
| Overvoltage category of power contacts | III |
| Degree of pollution of power contacts | 3 |
| Nominal / operating voltage of signal contacts | 250 V |
| Rated surge voltage of signal contacts | 4 kV |
| Overvoltage category of signal contacts | III |
| Degree of pollution of signal contacts | 3 |

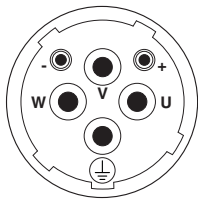
Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

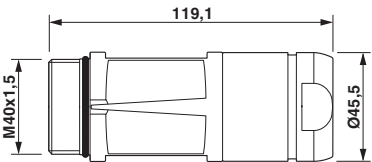
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Schematic diagram



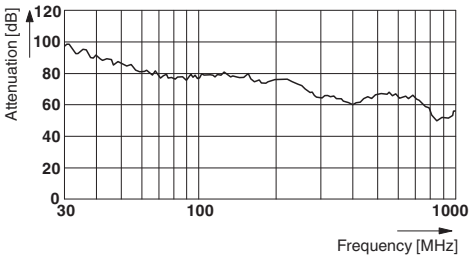
Connector pin assignment

Dimensional drawing



Dimensional drawing

Diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

