Data sheet

# SAIE-M12S-5-0.2U P9 .75

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

## General ordering data

| | |
|---|---|
| Version | Built-in plugs, M12, pin, straight, Mounting thread: PG 9, Number of poles: 5, Strand / cable length: 0.2 m, Front mounting |
| Order No. | 1353790000 |
| Type | SAIE-M12S-5-0.2U P9 .75 |
| GTIN (EAN) | 4050118156522 |
| Qty. | 1 items |

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# Technical data

### Approvals

| | |
|---|---|
| ROHS | Conform |

### Dimensions and weights

| | |
|---|---|
| Net weight | 21.09 g |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | bd63baef-8092-4596-90c7-5b4daa22710b |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| PE function | No | Wire cross section (Print/Online) | AWG 18 |
| Strand / cable length | 0.2 m | Core cross-section AWG | AWG 18 |
| Colour coding | brown, white, blue, black, grey | Number of poles | 5 |

### Technical data customisable plug-in connectors

| | | | |
|---|---|---|---|
| Number of poles | 5 | Coding | A-coded |
| Contact surface | Gold-plated | Housing main material | Brass, nickel-plated |
| Nominal voltage | 60 V | Protection degree | IP67, when screwed in |
| Plugging cycles | ≥ 100 | Cable gland | PG 9 |
| Rated current | Contacts 1-4 8A, contact 5 2A | Temperature range of housing | -40 ... +85 ° C |

### Standards

| | |
|---|---|
| Connector standard | IEC 61076-2-101 |

### General data

| | | | |
|---|---|---|---|
| Number of poles | 5 | Coding | A-coded |
| Connection thread | M12 | Contact surface | Gold-plated |
| Housing main material | Brass, nickel-plated | Type of mounting | Front mounting |
| Nominal voltage | 60 V | Protection degree | IP67, when screwed in |
| Plugging cycles | ≥ 100 | Cable gland | PG 9 |
| Rated voltage | 250 V (4-pole) / 60 V (5-pole) | Rated current | Contacts 1-4 8A, contact 5 2A |
| Wire cross section (Print/Online) | AWG 18 | Connection 1 | M12 |
| Connection 2 | Flying wires | Strand / cable length | 0.2 m |
| Mounting thread | PG 9 | Temperature range of housing | -40 ... +85 ° C |
| Conductor O.D. | - | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC003570 | ETIM 9.0 | EC003570 |
| ETIM 10.0 | EC003570 | ECLASS 14.0 | 27-44-01-03 |
| ECLASS 15.0 | 27-44-01-03 | | |

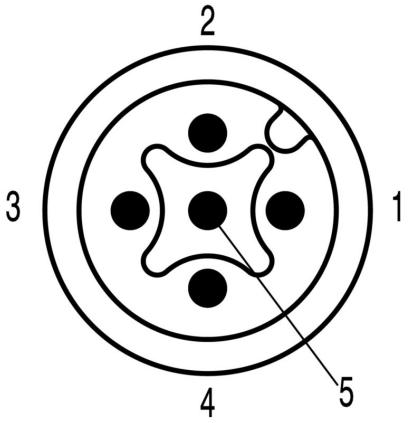
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## Drawings

### Pole scheme



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## Accessories

### Brass lock nuts, nickel-plated



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

### General ordering data

| | | |
|---|---|---|
| Type | SKMU PG9-MS | Version |
| Order No. | 1694080000 | SKMU MS (brass locknut), Locknut, PG 9, 2.8 mm, Brass, nickel-plated |
| GTIN (EAN) | 4008190872243 | |
| Qty. | 100 ST | |