Data sheet

# SAISGS-P-4A-8/10-M12

**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 | Field attachable connector, M12 |
| Order No. | 1353700000 |
| Type | SAISGS-P-4A-8/10-M12 |
| GTIN (EAN) | 4050118156188 |
| Qty. | 1 items |

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# Technical data

### Approvals

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

### Dimensions and weights

| | | | |
|---|---|---|---|
| Width | 63 mm | Width (inches) | 2.4803 inch |
| Diameter | 20.2 mm | Net weight | 23 g |

### Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 1c533b66-fcff-4da5-b89f-fd55fbf5cb55 |

### Technical data customisable plug-in connectors

| | | | |
|---|---|---|---|
| Number of poles | 4 | Coding | A-coded |
| Contact surface | Gold-plated | LED | No |
| Type of connection | Screw connection | Housing main material | PA |
| Insulation resistance | 108 Ω | Cable diameter, max. | 10 mm |
| Cable diameter, min. | 8 mm | Contact material | CuZn |
| Conductor cross-section, max. | 1.5 mm² | Conductor cross-section, min. | 0.14 mm² |
| Nominal voltage | 250 V | Nominal current | 8 A |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | Cable gland | PG 11 |
| Rated current | Contacts 1-4 8A, contact 5 2A | Gender of contact | Male |
| Shield connection | No | Threaded ring material | Diecast zinc |
| Temperature range of housing | -40 … +85 ° C | Connection cross-section, max. | 1.5 mm² |
| Connection cross-section, min. | 0.5 mm² | | |

### General Info

| | | | |
|---|---|---|---|
| Number of poles | 4 | Connection 1 | M12 |
| Connection 2 | Screw | Housing main material | PA |
| Connection thread | M12 | Contact material | CuZn |
| Contact surface | Gold-plated | Wire connection cross section, finely stranded, min. | 0.14 mm² |
| Wire connection cross-section, finely stranded, max. | 1.5 mm² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.14 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 1.5 mm² | Wire cross-section, solid, min. | 0.14 mm² |
| Wire cross-section, solid, max. | 1.5 mm² | Contact holder materials | PA |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |

### Standards

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

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### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC002635 | ETIM 9.0 | EC002635 |
| ETIM 10.0 | EC002635 | ECLASS 14.0 | 27-44-01-16 |
| ECLASS 15.0 | 27-44-01-16 | | |

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## Drawings

### Pole scheme

