

SAISGZ-M-4A-6/8-M12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

Tension-clamp connection delivers excellent functional security and reduced installation times. With this technology the conductor is plugged into the tension clamp without a wire-end ferrule (optionally with wire-end ferrule). The connection between the conductor and tension clamp is vibration-resistant and boasts long-term stability.

General ordering data

| | |
|------------|---------------------------------|
| Version | Field attachable connector, M12 |
| Order No. | 1304280000 |
| Type | SAISGZ-M-4A-6/8-M12 |
| GTIN (EAN) | 4050118103434 |
| Qty. | 1 items |

SAISGZ-M-4A-6/8-M12

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|----------|-------|------------|------|
| Diameter | 20 mm | Net weight | 30 g |
|----------|-------|------------|------|

Environmental Product Compliance

| | |
|--------------------------------------|--|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1, Imidazolidine-2-thione 96-45-7 |
| SCIP | bcee35cf-c0f5-43d2-8daf-65ab0d08641a |

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|--------------------------|--------------------------------|----------------------------|
| Number of poles | 4 | Coding | A-coded |
| Contact surface | Gold-plated | LED | No |
| Type of connection | Tension-clamp connection | Housing main material | zinc diecast nickel-plated |
| Insulation resistance | 108 Ω | Cable diameter, max. | 8 mm |
| Cable diameter, min. | 6 mm | Conductor cross-section, max. | 0.5 mm ² |
| Conductor cross-section, min. | 0.14 mm ² | Nominal voltage | 250 V |
| Nominal current | 4 A | Protection degree | IP67 |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| Gender of contact | Male | Shield connection | Yes |
| Threaded ring material | Diecast zinc | Temperature range of housing | -40 ... +85 °C |
| Connection cross-section, max. | 0.5 mm ² | Connection cross-section, min. | 0.14 mm ² |

General Info

| | | | |
|--|----------------------------|--|---------------------|
| Number of poles | 4 | Connection 1 | M12 |
| Connection 2 | Tension-clamp | UL 94 flammability rating | None |
| Housing main material | zinc diecast nickel-plated | Connection thread | M12 |
| Contact surface | Gold-plated | Wire cross-section, solid, max. (AWG) | AWG 20 |
| Wire connection cross section, finely stranded, min. | 0.14 mm ² | Wire connection cross section, finely stranded, max. | 0.5 mm ² |
| Wire cross-section, solid, min. | 0.14 mm ² | Wire cross-section, solid, max. | 0.5 mm ² |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |

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 | | |

Pole scheme

