

SAI-4-S 4P FC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Whereas the standard M12 system requires the sleeves to be laboriously screwed on and that operation is hindered by the vibration guard, M12 Push-Pull works with one click, just like those well-known garden hose systems. The audible locking function guarantees a safe and reliable connection as well as a good seal. The new SAI M12 Push-Pull distributors can be used with M12 plug-in connectors but also with the new M12 Push-Pull plug-in connectors.

General ordering data

| | |
|------------|--|
| Version | with M23 outlet, 12-pole, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP |
| Order No. | 1847960000 |
| Type | SAI-4-S 4P FC |
| GTIN (EAN) | 4032248369157 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 116 mm | Depth (inches) | 4.567 inch |
| Height | 34.3 mm | Height (inches) | 1.35 inch |
| Width | 54 mm | Width (inches) | 2.126 inch |
| Net weight | 179 g | | |

Temperatures

| | |
|-----------------------|----------|
| Operating temperature | -25 - 80 |
|-----------------------|----------|

Connection data

| | | | |
|----------------------------|--------|--------------------|--------------------------|
| Sheathing stripping length | 100 mm | Distributor outlet | with M23 outlet, 12-pole |
|----------------------------|--------|--------------------|--------------------------|

Electrical data

| | | | |
|--------------------------------|------|---|-------------------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Test voltage | 1 kV | Max. current-carrying capacity per slot | 4 A |
| Total current | 9 A | Current per signal | 2 A |
| Electrical isolation available | No | Insulation strength | 10 ⁹ Ω |

General technical data

| | | | |
|-----------------------------|---------|-------------------------------------|-------|
| Plug-in station coding | A-coded | Protection degree | IP67 |
| Number of poles | 4 | Number of contact sockets | 4 |
| Connection thread | M12 | Pollution severity | 3 |
| Fire behaviour | V-0 | LED | Yes |
| LED initiator | Yes | LED colour for indicating operation | green |
| LED colour for I/O function | yellow | | |

Material data

| | | | |
|--------------------------|----------------|-------------------------|--------------------|
| Housing main material | PA 6 GF | Material of distributor | Plastic |
| Housing colour | grey, RAL 7032 | Screw socket | Nickel-plated CuZn |
| Contact material | CuZn | Contact surface | Gold-plated |
| Contact carrier material | PBT (UL 94 V0) | | |

Technical data cable

| | | | |
|-----------------|---|-----------------------------|----|
| Number of poles | 4 | Suitable for cable carriers | No |
|-----------------|---|-----------------------------|----|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002585 | ETIM 7.0 | EC003558 |
| ETIM 8.0 | EC003558 | ETIM 9.0 | EC003558 |
| ECLASS 9.0 | 27-44-01-08 | ECLASS 9.1 | 27-44-01-08 |
| ECLASS 10.0 | 27-44-01-11 | ECLASS 11.0 | 27-44-01-11 |
| ECLASS 12.0 | 27-44-01-11 | ECLASS 13.0 | 27-44-01-11 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 4060c755-8d0b-4d43-bdb3-4ffabe9d7497 |

Data sheet**SAI-4-S 4P FC**

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Technical data**Approvals**

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

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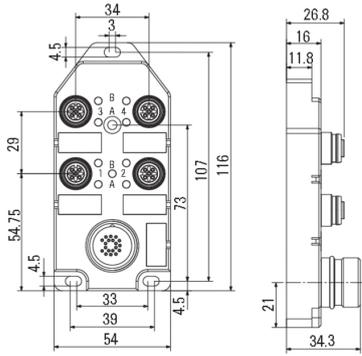
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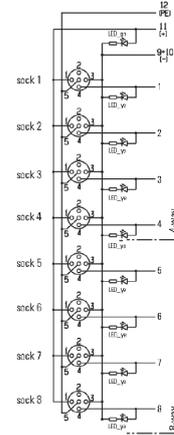
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Drawings

Dimensioned drawing



Wiring diagram



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Accessories

Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc. Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | ESG 9/20 MC NE WS | Version | |
| Order No. | 1609940000 | ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable | |
| GTIN (EAN) | 4008190203528 | | |
| Qty. | 200 pc(s). | | |

Screwty® cable gland tool with torque function



The ideal tool for any application

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

| | | | | |
|------------|----------------------------|---|--|---------------|
| Type | SCREWTY SET -DM | Version | | Packaging |
| Order No. | 1920000000 | Cable gland tool for M8, M12 lines and connectors | | Cardboard box |
| GTIN (EAN) | 4032248436859 | | | |
| Qty. | 1 pc(s). | | | |

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Accessories**M12**

Protective caps protect unassigned plug-in stations against external influences.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SAI-SK-M12 | Version |
| Order No. | 9456050000 | Protected component assemblies, Protective cap |
| GTIN (EAN) | 4008190304058 | |
| Qty. | 30 pc(s). | |