

SAI-6-S12 4P M12 L**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Wiring**

M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

General ordering data

| | |
|------------|---|
| Version | with M12 outlet, 12-pole, A-coded, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP |
| Order No. | 1265940000 |
| Type | SAI-6-S12 4P M12 L |
| GTIN (EAN) | 4050118055641 |
| Qty. | 1 pc(s). |

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Technical data**Dimensions and weights**

| | |
|------------|-------|
| Net weight | 148 g |
|------------|-------|

Temperatures

| | |
|-----------------------|--------|
| Operating temperature | - 80°C |
|-----------------------|--------|

Connection data

| | |
|--------------------|--------------------------------------|
| Distributor outlet | with M12 outlet, 12-pole, A-coded |
|--------------------|--------------------------------------|

Electrical data

| | | | |
|---|------|--------------------------------|------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 2 A | Total current | 6 A |
| Current per signal | 1 A | Electrical isolation available | No |

General technical data

| | | | |
|-----------------------------|---------|-------------------------------------|-------|
| Plug-in station coding | A-coded | Protection degree | IP67 |
| Number of poles | 4 | Number of contact sockets | 6 |
| 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 | PBT | 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 | 22cbd99b-5f46-4c36-9938-bd61e241a9ab |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |

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Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E92202

Downloads

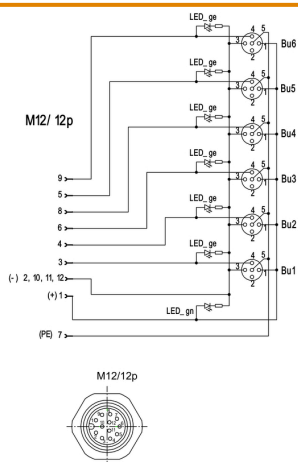
| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings



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Accessories

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 |
| GTIN (EAN) | 4032248436859 | | box |
| Qty. | 1 pc(s). | | |

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). | | |