

SAI-4/6/8-MHF 4P PUR20M

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

www.weidmueller.com



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 | Hood version, 30 V, , LED: No, LED initiator: No, Wiring type: None, 20 m |
| Order No. | 1791452000 |
| Type | SAI-4/6/8-MHF 4P PUR20M |
| GTIN (EAN) | 4032248221165 |
| Qty. | 1 items |
| Delivery status | This article will no longer be available in the future. |
| Available until | 2025-12-30T00:00:00+01:00 |
| Alternative product | SAI-4/6/8-MH BLF3.5 |

SAI-4/6/8-MHF 4P PUR20M

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

www.weidmueller.com

Technical data

Approvals

| | |
|------|---------|
| RoHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|-----------|-----------------|-------------|
| Depth | 59.2 mm | Depth (inches) | 2.3307 inch |
| Height | 32.5 mm | Height (inches) | 1.2795 inch |
| Net weight | 1753.84 g | | |

Temperatures

| | |
|-----------------------|------------|
| Operating temperature | -20 - 80°C |
|-----------------------|------------|

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Connection data

| | | | |
|-------------|------|--------------------|--------------|
| Cable gland | M 20 | Distributor outlet | Hood version |
|-------------|------|--------------------|--------------|

Electrical data

| | | | |
|---|------|---------------------|------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 4 A | Total current | 10 A |
| Electrical isolation available | No | | |

General technical data

| | | | |
|--------------------|------|-----------------|----|
| Protection degree | IP68 | Number of poles | 4 |
| Pollution severity | 3 | LED | No |
| LED initiator | No | | |

Material data

| | | | |
|-----------------------|----------------|--------------------------|----------------|
| Housing main material | Pocan | Material of distributor | Plastic |
| Housing colour | grey, RAL 7032 | Contact material | CuZn |
| Contact surface | Gold-plated | Contact carrier material | PBT (UL 94 VO) |

Technical data cable

| | | | |
|-----------------------------|---|------------------------------|---------------------|
| Number of poles | 4 | Sheathing colour | black |
| O.D. | 8.2 mm | Shielded | No |
| Halogen | No | Bending radius, min., moving | 10 x cable diameter |
| Bending cycles | 2 Mio | Sheath material | PUR |
| Colour coding | white, green, yellow, grey, pink, red, brown, black, violet, grey / pink, red / blue, white / green, white / yellow, Yellow / brown, white / grey, grey / brown, blue, Green/yellow | Cable length | 20 m |
| Suitable for cable carriers | Yes | | |

SAI-4/6/8-MHF 4P PUR20M

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

www.weidmueller.com

Technical data**Classifications**

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002585 | ETIM 9.0 | EC002585 |
| ETIM 10.0 | EC002585 | ECLASS 14.0 | 27-44-01-08 |
| ECLASS 15.0 | 27-44-01-08 | | |

SAI-4/6/8-MHF 4P PUR20M

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

www.weidmueller.com

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 ST | |

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 |
| Order No. | 1920000000 | Cable gland tool for M8, M12 lines and connectors |
| GTIN (EAN) | 4032248436859 | |
| Qty. | 1 ST | |

SAI-4/6/8-MHF 4P PUR20M

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

www.weidmueller.com

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 ST | |