

SAI Passive
SAI-8-F 4P M8 PUR 10M**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

The new slim M8 line from Weidmüller. This range of products is characterised by the marking options at all connection positions. Even the 4-way distributor with 8-pole M12 has adequately large markers at all M8 connection positions. Furthermore, this distributor is shorter than many conventional M8 designs.

- Very narrow, short and flat M8 distributor.
- The range is supplied with 4 to 12 M8 connection positions, 3 or 4 poles.
- Hybrid variants of the M8 are also possible on request.
- The M8 line is equipped with transverse holes.

General ordering data

| | |
|------------|--|
| Type | SAI-8-F 4P M8 PUR 10M |
| Order No. | 1784570000 |
| Version | SAI Passive, Sensor-actuator passive distributor, M8, Fixed cable version, 10 m, Yes |
| GTIN (EAN) | 4032248191284 |
| Qty. | 1 pc(s). |

Creation date May 3, 2020 2:08:13 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Width | 48 mm | Width (inches) | 1.89 inch |
| Height | 27 mm | Height (inches) | 1.063 inch |
| Depth | 100 mm | Depth (inches) | 3.937 inch |
| Net weight | 1,234 g | | |

Temperatures

| | | | |
|-----------------------------------|------------|-----------------------------------|--------|
| Operating temperature range, max. | 80 °C | Operating temperature range, min. | -20 °C |
| Operating temperature, max. | 80 °C | Operating temperature, min. | -20 °C |
| Operating temperature | -20 - 80°C | | |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Connection data

| | |
|--------------------|---------------------|
| Distributor outlet | Fixed cable version |
|--------------------|---------------------|

Standards

| | |
|-------------------------|--------|
| Certificate No. (cURus) | E92202 |
|-------------------------|--------|

Electrical data

| | | | |
|--------------------------------|------|---|-------------------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Test voltage | 1 kV | Max. current-carrying capacity per slot | 2 A |
| Total current | 8 A | Current per signal | 2 A |
| Electrical isolation available | Yes | Insulation strength | 10 ⁹ Ω |

General technical data

| | | | |
|-------------------------------------|-------|-----------------------------|--------|
| Protection degree | IP68 | Number of poles | 4 |
| Number of contact sockets | 8 | Connection thread | M8 |
| 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 | Pocan | 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) | | |

Data sheet

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Technical data

Technical data cable

| | | | |
|------------------------------|---|-----------------------------|--|
| Cable length | 10 m | Suitable for cable carriers | Yes |
| Number of poles | 4 | Wire cross section | 16 x 0.34 mm ² + 2 x 0.75 mm ² |
| O.D. | 8.5 mm | Shielded | No |
| Colour coding | blue, brown, yellow, Yellow / brown, grey, grey / brown, grey / pink, green, pink, red, red / blue, black, violet, white, white / yellow, white / grey, white / green, brown / green | Sheath material | PUR |
| Sheathing colour | black | Halogen | No |
| Bending radius, min., moving | 10 x cable diameter | Bending cycles | 2 Mio |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC002585 | ETIM 7.0 | EC002585 |
| eClass 9.0 | 27-44-01-08 | eClass 9.1 | 27-44-01-08 |
| eClass 10.0 | 27-44-01-08 | UNSPSC | 30-21-18-01 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|--------------------|---|
| Brochure/Catalogue | CAT 8 SAI 15/16 EN FL FIELDWIRING EN |
| Engineering Data | WSCAD |

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Accessories

M8

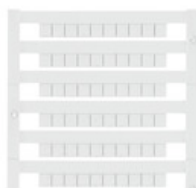


Protective caps protect unassigned plug-in stations against external influences.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SAI-SK M8 | Version |
| Order No. | 1802760000 | Protected component assemblies, Protective cap |
| GTIN (EAN) | 4032248257379 | |
| Qty. | 50 pc(s). | |

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

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 | DEK 5/5 MC NE WS | Version |
| Order No. | 1609801044 | Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00 |
| GTIN (EAN) | 4008190397111 | Weidmueller, white |
| Qty. | 1,000 pc(s). | |

Data sheet**SAI Passive
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Accessories**Tool**

Tools for stripping the sheathing from uncut power lines and outlet lines, plus screwdrivers for installing Pick-to-Light components.

General ordering data

| | | |
|------------|----------------------------|---------------------|
| Type | SCREWTY SET -DM | Version |
| Order No. | 1920000000 | Tools, Bolting tool |
| GTIN (EAN) | 4032248436859 | |
| Qty. | 1 pc(s). | |