

SAI-4-F 5P M12 L 10M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 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 | Fixed cable version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP, 10 m |
| Order No. | 1070640000 |
| Type | SAI-4-F 5P M12 L 10M |
| GTIN (EAN) | 4032248826834 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 144 mm | Depth (inches) | 5.669 inch |
| Height | 18.2 mm | Height (inches) | 0.717 inch |
| Net weight | 1,084 g | | |

Temperatures

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

Connection data

| | | | |
|----------------------------|--------|--------------------|---------------------|
| Sheathing stripping length | 100 mm | Distributor outlet | Fixed cable version |
|----------------------------|--------|--------------------|---------------------|

Electrical data

| | | | |
|--------------------------------|------|---|-------------------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Test voltage | 1 kV | Max. current-carrying capacity per slot | 3 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 | IP68 |
| Number of poles | 5 | Number of contact sockets | 4 |
| Connection thread | M12 | Pollution severity | 3 |
| Fire behaviour | V-0 | Plugging cycles | ≤ 50 |
| LED | Yes | LED initiator | Yes |
| LED colour for indicating operation | green | LED colour for I/O function | yellow |

Material data

| | | | |
|--------------------------|----------------|-------------------------|--------------------|
| Housing main material | PBT | 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

| | | | |
|-----------------|---|-----------------------------------|---|
| Bending cycles | 2 Mio | Bending radius, min., moving | 10 x cable diameter |
| Colour coding | white, green, yellow, grey, grey / pink, red / blue, white / green, brown / green, blue, brown, Green/ yellow | Halogen | No |
| Number of poles | 5 | O.D. | 8.2 mm |
| Sheath material | PUR | Sheathing colour | black |
| Shielded | No | Wire cross section (Print/Online) | 8 x 0.34 mm ² + 3 x 1.0 mm ² |
| Cable length | 10 m | Suitable for cable carriers | Yes |

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Technical data

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002585 | ETIM 7.0 | EC002585 |
| ETIM 8.0 | EC002585 | ETIM 9.0 | EC002585 |
| ETIM 10.0 | EC002585 | ECLASS 9.0 | 27-44-01-08 |
| ECLASS 9.1 | 27-44-01-08 | ECLASS 10.0 | 27-44-01-08 |
| ECLASS 11.0 | 27-44-01-08 | ECLASS 12.0 | 27-44-01-08 |
| ECLASS 13.0 | 27-44-01-08 | ECLASS 14.0 | 27-44-01-08 |
| ECLASS 15.0 | 27-44-01-08 | | |

Environmental Product Compliance

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

Approvals

Approvals



| | |
|-----------------|---|
| Approvals MAMID | https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/ |
|-----------------|---|

| | |
|-------------------------|------------|
| 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 |

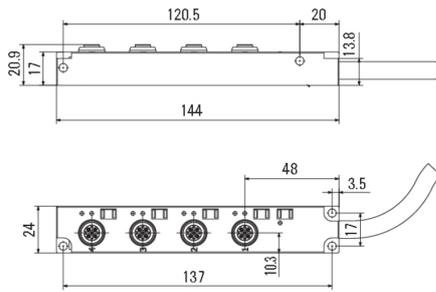
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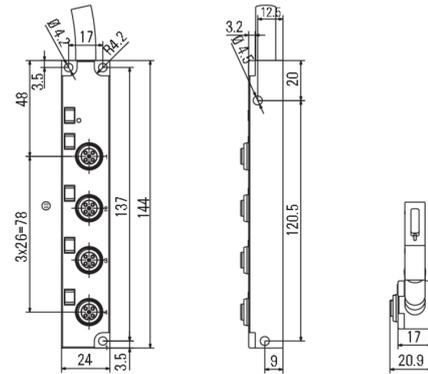
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Drawings

Dimensioned drawing



Dimensioned drawing



Wiring diagram

