

SAI-8-M 5P M12 ECO**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 | Hood version, M12, 30 V, A-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP |
| Order No. | 1892080000 |
| Type | SAI-8-M 5P M12 ECO |
| GTIN (EAN) | 4032248504893 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E141197 |

Dimensions and weights

| | | | |
|------------|----------|----------------|-------------|
| Depth | 152 mm | Depth (inches) | 5.9842 inch |
| Net weight | 221.76 g | | |

Temperatures

| | |
|-----------------------|------------|
| Operating temperature | -20 - 90°C |
|-----------------------|------------|

Environmental Product Compliance

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

Connection data

| | | | |
|----------------------|---------------------|----------------------|----------------------|
| Cable gland | M 20 | Clamping range, min. | 0.08 mm ² |
| Clamping range, max. | 1.5 mm ² | Storage space | Standard |
| Distributor outlet | Hood version | | |

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 | 10 A | Current per signal | 2 A |
| Electrical isolation available | Yes | Insulation resistance | 109 Ω |

General technical data

| | | | |
|-------------------------------------|-------|-----------------------------|---------|
| Protection degree | IP68 | Plug-in station coding | A-coded |
| Number of poles | 5 | Number of contact sockets | 8 |
| 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 | Pocan | Material of distributor | Plastic |
| Housing colour | grey, RAL 7032 | Hood sealing material | Viton |
| Screw socket | Pocan | Contact material | CuZn |
| Contact surface | Gold-plated | Contact carrier material | PBT (UL 94 V0) |

Technical data cable

| | | | |
|-----------------|---|-----------------------------|----|
| Number of poles | 5 | Suitable for cable carriers | No |
|-----------------|---|-----------------------------|----|

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Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC003558 | ETIM 9.0 | EC003558 |
| ETIM 10.0 | EC003558 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 | | |

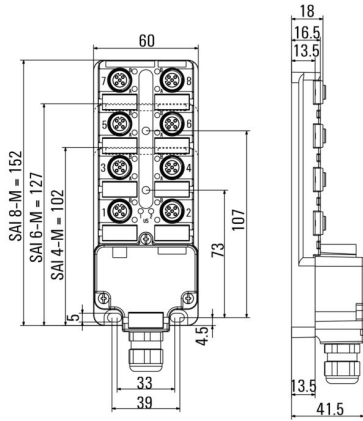
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Drawings

www.weidmueller.com

Dimensioned drawing



Wiring diagram

