

SAIS-M8-4P

Weidmüller Interface GmbH & Co. KG

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Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female sockets for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M8 round plug-in connectors are particularly suited to applications where space is limited.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

| | |
|------------|--|
| Type | SAIS-M8-4P |
| Order No. | 1803850000 |
| Version | Plugs prefabricated to customer spec., M8, pin, straight |
| GTIN (EAN) | 4032248259830 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

Net weight 11 g

Temperatures

| | | | |
|-----------------------------------|-------|-----------------------------------|--------|
| Operating temperature range, max. | 85 °C | Operating temperature range, min. | -25 °C |
| Operating temperature, max. | 85 °C | Operating temperature, min. | -40 °C |

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|----------------------|--------------------------------|---------------------|
| Cable diameter, max. | 5 mm | Cable diameter, min. | 3.5 mm |
| Coding | none | Connection cross-section, max. | 0.5 mm ² |
| Connection cross-section, min. | 0.14 mm ² | Contact surface | Gold-plated |
| Housing main material | PA | Insulation strength | 10 ⁸ Ω |
| No. of poles | 4 | Plugging cycles | ≥ 50 |
| Pollution severity | 3 | Protection degree | IP67 |
| Rated current | 4 A | Rated voltage | 30 V |
| Shield connection | No | Temperature range of housing | -40 ... +85 °C |
| Threaded ring material | Diecast zinc | Type of connection | Screw connection |

Standards

Certificate no. (cULus) E307231

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC002062 | ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002635 | ETIM 6.0 | EC002062 |
| UNSPSC | 30-21-18-10 | eClass 5.1 | 27-26-07-01 |
| eClass 6.2 | 27-26-07-02 | eClass 7.1 | 27-44-01-02 |
| eClass 8.1 | 27-44-01-02 | eClass 9.0 | 27-44-01-02 |
| eClass 9.1 | 27-44-01-03 | | |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|--------------------|---|
| Brochure/Catalogue | CAT 8 SAI 15/16 EN FL FIELDWIRING EN |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | Manual |

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