

SAIS-4-IDC M8 SMALL**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 IDC is simple and quick to assemble since this technology allows the conductor to be inserted directly into the terminal point, without crimping or having to strip the insulation. It also has excellent functional security.

General ordering data

| | |
|------------|--|
| Type | SAIS-4-IDC M8 SMALL |
| Order No. | 1784060001 |
| Version | Plugs prefabricated to customer spec., M8, pin, straight |
| GTIN (EAN) | 4032248429912 |
| Qty. | 1 pc(s). |

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Catalogue status 24.07.2020 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 7 g

Temperatures

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

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data customisable plug-in connectors

| | | | |
|--------------------------------|----------------------|--------------------------------|------------------------------------|
| Cable diameter, max. | 5.4 mm | Cable diameter, min. | 3.2 mm |
| Coding | none | Conductor cross-section, max. | 0.34 mm ² |
| Conductor cross-section, min. | 0.14 mm ² | Connection cross-section, max. | 0.34 mm ² |
| Connection cross-section, min. | 0.14 mm ² | Contact surface | tinned |
| Housing main material | CuZn | Insulation strength | 10 ⁸ Ω |
| Number of poles | 4 | Plugging cycles | ≥ 50 |
| Pollution severity | 3 | Protection degree | IP67 |
| Rated current | 4 A | Rated voltage | 32 V |
| Shield connection | No | Temperature range of housing | -25...+85 °C |
| Threaded ring material | Diecast zinc | Type of connection | Insulation displacement connection |

Standards

Connector standard IEC 61076-2-104

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC002635 | ETIM 7.0 | EC002635 |
| eClass 9.0 | 27-44-01-02 | eClass 9.1 | 27-44-01-03 |
| eClass 10.0 | 27-44-01-02 | UNSPSC | 30-21-18-10 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|--------------------|---|
| Brochure/Catalogue | CAT 8 SAI 15/16 EN FL FIELDWIRING EN |
| User Documentation | Manual |