

SAISM-4/8S-M12-4P D-COD

Weidmüller Interface GmbH & Co. KG
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Germany
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M12 plug-in connector in IP 67 available with crew or tension clamp connection

General ordering data

| | |
|------------|---|
| Type | SAISM-4/8S-M12-4P D-COD |
| Order No. | 1892120000 |
| Version | Plugs prefabricated to customer spec., M12, pin, straight |
| GTIN (EAN) | 4032248569380 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|---------|
| Net weight | 44.68 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. | 8 mm | Cable diameter, min. | 6 mm |
| Cable gland | PG 9 | Category | Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B) |
| Coding | D | Connection cross-section, max. | 0.75 mm ² |
| Connection cross-section, min. | 0.14 mm ² | Contact surface | Gold-plated |
| Housing main material | CuZn | Insulation resistance | 10 ⁸ Ω |
| No. of poles | 4 | Plugging cycles | ≥ 100 |
| Pollution severity | 3 | Protection degree | IP67 |
| Rated current | 4 A | Rated voltage | 250 V |
| Shield connection | Yes | Temperature range of housing | -40 ... +85 °C |
| Threaded ring material | Diecast zinc | Type of connection | Screw connection |

General Info

| | | | |
|-----------------------|------|-----------------------|--|
| Housing main material | CuZn | Category | Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B) |
| Connection thread | M12 | Contact surface | Gold-plated |
| Sheath diameter, min. | 6 mm | Sheath diameter, max. | 8 mm |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |

Electrical properties

| | | | |
|-----------------------|-------------------|---------------|-------|
| Insulation resistance | 10 ⁸ Ω | Rated voltage | 250 V |
|-----------------------|-------------------|---------------|-------|

Standards

| | | | |
|--------------------|-----------------|-------------------------|---------|
| Connector standard | IEC 61076-2-101 | Certificate No. (cURus) | 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 | | |

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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue

[CAT 9 IETH 15/16 EN](#)
[CAT 8 SAI 15/16 EN](#)
[FL FIELDWIRING EN](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)