

SAIE-7/8-B-3-0.2U-M20

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Similar to illustration

Various build-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

General ordering data

| | |
|------------|--|
| Version | Built-in plugs, 7/8", Female socket, straight, Mounting thread: M 20, Number of poles: 3, Strand / cable length: 0.2 m |
| Order No. | 1471510000 |
| Type | SAIE-7/8-B-3-0.2U-M20 |
| GTIN (EAN) | 4050118278620 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E307231 |

Dimensions and weights

| | |
|------------|------|
| Net weight | 30 g |
|------------|------|

Environmental Product Compliance

| | |
|------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

Technical specifications for cable

| | | | |
|--------------------|---------------------------|-----------------------|-------|
| Core cross-section | 0.75 mm ² | Strand / cable length | 0.2 m |
| Colour coding | Green/yellow, brown, blue | Number of poles | 3 |

Technical data customisable plug-in connectors

| | | | |
|------------------------------|-----------------------------|--------------------|------------------------------------|
| Number of poles | 3 | Coding | none |
| Contact surface | Gold-plated | Type of connection | Socket connector |
| Housing main material | Zinc diecast, nickel-plated | Contact material | CuZn |
| Nominal voltage | 300 V | Nominal current | 10 A |
| Protection degree | IP67, when screwed in | Plugging cycles | ≥ 100 |
| Cable gland | M 20 | Rated current | 8 A (4- and 5-pole), 10 A (3-pole) |
| Temperature range of housing | -25...+85 °C | | |

General data

| | |
|-----------------------|------------------------------------|
| Number of poles | 3 |
| Coding | none |
| Connection thread | 7/8" |
| Contact surface | Gold-plated |
| Tightening torque | 1.5 Nm |
| Core cross-section | 0.75 mm ² |
| Type of connection | Socket connector |
| Housing main material | Zinc diecast, nickel-plated |
| Contact material | CuZn |
| Nominal voltage | 300 V |
| Nominal current | 10 A |
| Protection degree | IP67, when screwed in |
| Plugging cycles | ≥ 100 |
| Cable gland | M 20 |
| Rated voltage | 300 V |
| Rated current | 8 A (4- and 5-pole), 10 A (3-pole) |
| Connection 1 | 7/8" |
| Connection 2 | Flying wires |
| Strand / cable length | 0.2 m |
| Rated impulse voltage | 4000 V |

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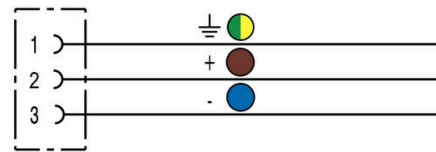
Technical data

| | | |
|------------------------------|----------------|---------|
| Mounting thread | M 20 | |
| Mounting torque range | 11.8 ... 12 Nm | |
| Rated voltage (UL) | 600 V | |
| Mounting torque | min. | 11.8 Nm |
| | max. | 12 Nm |
| Temperature range of housing | -25...+85 °C | |
| Conductor O.D. | - | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC003570 | ETIM 9.0 | EC003570 |
| ETIM 10.0 | EC003570 | ECLASS 14.0 | 27-44-01-03 |
| ECLASS 15.0 | 27-44-01-03 | | |

Wiring diagram



Pole scheme

