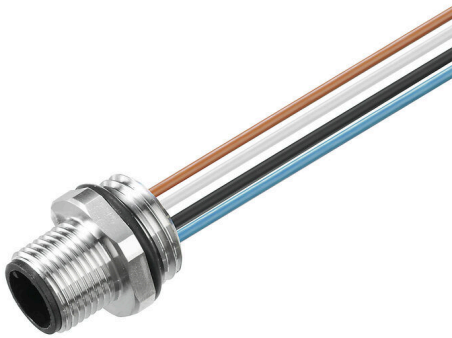


## SAIE-M12S-8-0.5U-PG9

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)



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, M12, pin, straight, Mounting thread: PG 9, Number of poles: 8, Strand / cable length: 0.5 m, Front mounting |
| Order No.  | <a href="#">1861240000</a>  |
| Type       | SAIE-M12S-8-0.5U-PG9  |
| GTIN (EAN) | 4032248419319   |
| Qty.       | 1 items   |

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

### Dimensions and weights

Net weight 28 g

### Environmental Product Compliance

RoHS Compliance Status Compliant

REACH SVHC Lead 7439-92-1

SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

### Technical specifications for cable

|                                   |  |                       |                      |
|-----------------------------------|--|-----------------------|----------------------|
| PE function                       | No   | Core cross-section    | 0.25 mm <sup>2</sup> |
| Wire cross section (Print/Online) | 0.34 (4- and 5-pole)/ 0.25 (8-pole)                | Strand / cable length | 0.5 m                |
| Colour coding                     | white, brown, green, yellow, grey, pink, blue, red | Number of poles       | 8                    |

### Technical data customisable plug-in connectors

|                              |                       |                       |                                    |
|------------------------------|-----------------------|-----------------------|------------------------------------|
| Number of poles              | 8                     | Coding                | A-coded                            |
| Contact surface              | Gold-plated           | Housing main material | Brass, nickel-plated               |
| Nominal voltage              | 30 V                  | Nominal current       | 2 A                                |
| Protection degree            | IP67, when screwed in | Plugging cycles       | ≥ 100                              |
| Cable gland                  | PG 9                  | Rated current         | 4 A (4- and 5-pole) / 2 A (8-pole) |
| Temperature range of housing | -30...+90 °C          |                       |                                    |

### Standards

Connector standard IEC 61076-2-101

### General data

|                       |                       |
|-----------------------|-----------------------|
| Number of poles       | 8                     |
| Coding                | A-coded               |
| Connection thread     | M12                   |
| Contact surface       | Gold-plated           |
| Tightening torque     | 1 Nm                  |
| Core cross-section    | 0.25 mm <sup>2</sup>  |
| Housing main material | Brass, nickel-plated  |
| Type of mounting      | Front mounting        |
| Nominal voltage       | 30 V                  |
| Nominal current       | 2 A                   |
| Protection degree     | IP67, when screwed in |
| Plugging cycles       | ≥ 100                 |
| Cable gland           | PG 9                  |

## SAIE-M12S-8-0.5U-PG9

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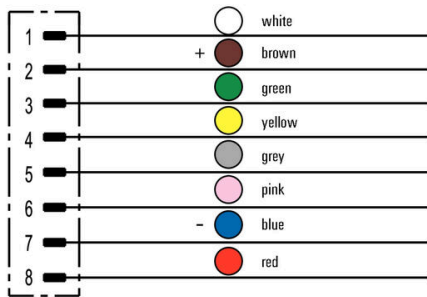
## Technical data

|                                   |  |      |  |
|-----------------------------------|--|------|--|
| Basic material                    | PVC  |      |  |
| Rated voltage                     | 250 V (4-pole) / 60 V (5-pole) / 30 V (8-pole) |      |  |
| Rated current                     | 4 A (4- and 5-pole) / 2 A (8-pole)             |      |  |
| Wire cross section (Print/Online) | 0.34 (4- and 5-pole)/ 0.25 (8-pole)            |      |  |
| Connection 1                      | M12  |      |  |
| Connection 2                      | Flying wires                                   |      |  |
| Strand / cable length             | 0.5 m  |      |  |
| Mounting thread                   | PG 9   |      |  |
| Mounting torque range             | 2 Nm   |      |  |
| Mounting torque                   | max.   | 2 Nm |  |
| Temperature range of housing      | -30...+90 °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**

