

SAIE-M12B-4-0.5U-FP-M16**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Female socket, straight, Mounting thread: M 16 x 1.5, Number of poles: 4, Strand / cable length: 0.5 m, Front mounting |
| Order No. | 1861190000 |
| Type | SAIE-M12B-4-0.5U-FP-M16 |
| GTIN (EAN) | 4032248419265 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|------|
| Net weight | 31 g |
|------------|------|

Technical data customisable plug-in connectors

| | | | |
|-----------------------|--------------|------------------------------|--|
| Coding | A-coded | Contact surface | Gold-plated |
| Housing main material | Zinc diecast | Number of poles | 4 |
| Plugging cycles | ≥ 100 | Protection degree | IP67, when screwed in |
| Rated current | 4 A | Rated current | 4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole) |
| Rated voltage | 250 V | Temperature range of housing | -30...+90 °C |

Standards

| | |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-101 |
|--------------------|-----------------|

General data

| | | | |
|-----------------------|----------------|-----------------------------------|---|
| Cable length | 0.5 m | Coding | A-coded |
| Conductor O.D. | - | Connection thread | M12 |
| Contact surface | Gold-plated | Core cross-section | 0.34 mm ² |
| Housing main material | Zinc diecast | Material | PVC |
| Mounting thread | M 16 x 1.5 | Number of poles | 4 |
| Plugging cycles | ≥ 100 | Protection degree | IP67, when screwed in |
| Rated current | 4 A | Rated current | 4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole) |
| Rated voltage | 250 V | Rated voltage | 250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole) |
| Strand / cable length | 0.5 m | Temperature range of housing | -30...+90 °C |
| Type of mounting | Front mounting | Wire cross section (Print/Online) | 0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole) |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002635 | ETIM 7.0 | EC003570 |
| ETIM 8.0 | EC003570 | ETIM 9.0 | EC003570 |
| ECLASS 9.0 | 27-44-01-03 | ECLASS 9.1 | 27-44-01-03 |
| ECLASS 10.0 | 27-44-01-03 | ECLASS 11.0 | 27-44-01-03 |
| ECLASS 12.0 | 27-44-01-03 | ECLASS 13.0 | 27-44-01-03 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E307231 |

Creation date July 2, 2024 10:54:03 PM CEST

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Technical data

Downloads

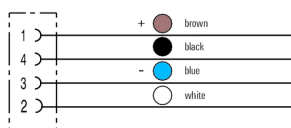
| | |
|------------------|--|
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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www.weidmueller.com**Drawings****Wiring diagram****Pole scheme**