

SAIE-M12B-4-0.5U-PG9**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: PG 9, Number of poles: 4, Strand / cable length: 0.5 m, Front mounting |
| Order No. | 1861250000 |
| Type | SAIE-M12B-4-0.5U-PG9 |
| GTIN (EAN) | 4032248419326 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|------|
| Net weight | 28 g |
|------------|------|

Technical data customisable plug-in connectors

| | | | |
|-------------------|-----------------------|------------------------------|------------------------------------|
| Cable glands | PG 9 | 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 (4- and 5-pole) / 2 A (8-pole) |
| Rated voltage | 250 V | Temperature range of housing | -30...+90 °C |

Standards

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

General data

| | | | |
|-----------------------|-----------------------|-----------------------------------|---|
| Cable glands | PG 9 | 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 | PG 9 |
| Number of poles | 4 | Plugging cycles | ≥ 100 |
| Protection degree | IP67, when screwed in | Rated current | 4 A (4- and 5-pole) / 2 A (8-pole) |
| Rated voltage | 250 V | Rated voltage | 250 V (4-pole) / 125 V (5-pole) / 60 V (8-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) |

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 |
| RoHS Compliance Status | Compliant |

Approvals

Approvals



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

Creation date July 25, 2024 7:21:32 PM CEST

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Technical data

Downloads

Catalogues

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Brochures

[FL FIELDWIRING EN](#)

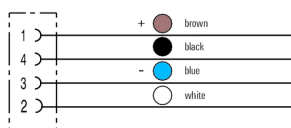
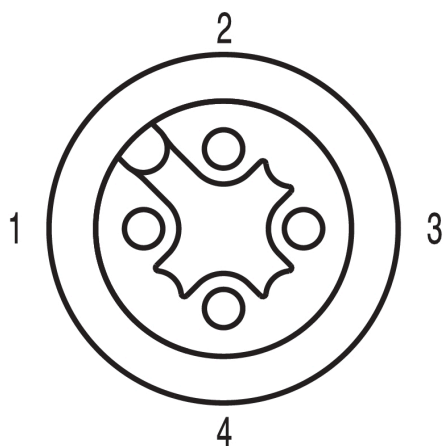
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www.weidmueller.com**Drawings****Wiring diagram****Pole scheme**

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www.weidmueller.com**Accessories****Brass lock nuts, nickel-plated**

In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SKMU PG9-MS | Version |
| Order No. | 1694080000 | SKMU MS (brass locknut), Locknut, PG 9, 2.8 mm, Brass, nickel-plated |
| GTIN (EAN) | 4008190872243 | |
| Qty. | 100 pc(s). | |