

SAIE-M12BK-5-0.2VHM16-1.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

| | |
|------------|--|
| Version | Built-in plugs, M12, Female socket, straight, Mounting thread: M 16 x 1.5, Number of poles: 5, Strand / cable length: 0.2 m, Rear panel mounting |
| Order No. | 2968060000 |
| Type | SAIE-M12BK-5-0.2VHM16-1.5 |
| GTIN (EAN) | 4099986779464 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E310075 |

Dimensions and weights

| | |
|------------|------|
| Net weight | 25 g |
|------------|------|

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | Oea6d931-f9e9-40a6-89d9-8d67103189d3 |

Technical specifications for cable

| | | | |
|-----------------------|------------|--------------------|--|
| PE function | Yes | Core cross-section | 1.5 mm ² |
| Strand / cable length | 0.2 m | Colour coding | black, brown, grey, blue, Green/yellow |
| Number of poles | 5 (4 + PE) | | |

Technical data customisable plug-in connectors

| | | | |
|------------------------------|----------------|-----------------------|-----------------------------------|
| Number of poles | 5 | Coding | K-coded |
| Contact surface | Gold-plated | Housing main material | Zinc diecast |
| Insulation resistance | ≥ 100 MΩ | Nominal voltage | 630 V |
| Nominal current | 12 A | Protection degree | IP65, IP67, IP68, when screwed in |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| Temperature range of housing | -40 ... +85 °C | | |

Standards

| | |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-111 |
|--------------------|-----------------|

General data

| | |
|-----------------------|-----------------------------------|
| Number of poles | 5 |
| Coding | K-coded |
| Connection thread | M12 |
| Contact surface | Gold-plated |
| Tightening torque | 1 Nm |
| Core cross-section | 1.5 mm ² |
| Housing main material | Zinc diecast |
| Insulation resistance | ≥ 100 MΩ |
| Type of mounting | Rear panel mounting |
| Nominal voltage | 630 V |
| Nominal current | 12 A |
| AF size | 19 mm |
| Protection degree | IP65, IP67, IP68, when screwed in |

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Technical data

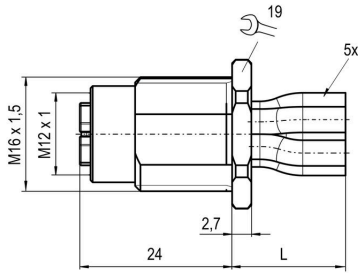
| | |
|------------------------------|-----------------|
| Plugging cycles | ≥ 100 |
| Pollution severity | 3 |
| Connection 1 | M12 |
| Connection 2 | Flying wires |
| Strand / cable length | 0.2 m |
| Mounting thread | M 16 x 1.5 |
| Mounting torque range | 2 Nm |
| Mounting torque | max. 2 Nm |
| Temperature range of housing | -40 ... +85 ° C |

Classifications

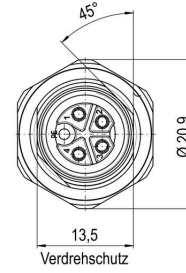
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC003570 | ETIM 9.0 | EC003570 |
| ETIM 10.0 | EC003570 | ECLASS 14.0 | 27-44-01-03 |
| ECLASS 15.0 | 27-44-01-03 | | |

Drawings

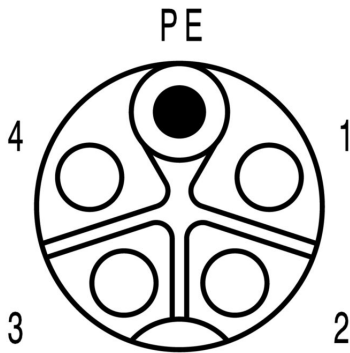
Dimensioned drawing



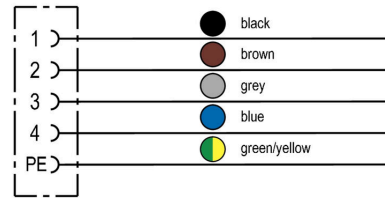
Dimensioned drawing



Pole scheme



Wiring diagram



Detailed drawing

