

SAISGP-M-4D-M12-WDF

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

www.weidmueller.com



General ordering data

| | |
|------------|-------------------------------------|
| Order No. | 3150960000 |
| Type | SAISGP-M-4D-M12-WDF |
| GTIN (EAN) | 4099987610889 |
| Qty. | 1 items |

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Technical data

Approvals

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

Dimensions and weights

| | | | |
|------------|-------|----------------------|------|
| Diameter | 29 mm | Wall thickness, max. | 5 mm |
| Net weight | 30 g | | |

Technical data customisable plug-in connectors

| | | |
|-------------------------------|----------------------|------|
| Number of poles | 4 | |
| Coding | D-coded | |
| Contact surface | Ni/Au | |
| LED | No | |
| Type of connection | PUSH IN | |
| Housing main material | PA 66 | |
| Insulation resistance | ≥ 100 MΩ | |
| Cable diameter, max. | 8 mm | |
| Cable diameter, min. | 4 mm | |
| Category | Cat. 5 | |
| Conductor cross-section, max. | 0.75 mm ² | |
| Conductor cross-section, min. | 0.14 mm ² | |
| Nominal voltage | 60 V | |
| Nominal current | 4 A | |
| Protection degree | IP67 | |
| Plugging cycles | ≥ 100 | |
| Pollution severity | 3 | |
| Gender of contact | Male | |
| Rated voltage | Rated voltage | 48 V |
| | Voltage type | AC |
| | Rated voltage | 60 V |
| | Voltage type | DC |
| Shield connection | Yes | |
| Threaded ring material | Diecast zinc | |
| Temperature range of housing | -40 ... +85 °C | |

General Info

| | | | |
|-----------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------|----------------------|
| Number of poles | 4 | Connection 1 | M12 |
| Connection 2 | PUSH IN | Wiring | PROFINET |
| UL 94 flammability rating | V-0 | Housing main material | PA 66 |
| Category | Cat. 5 | Connection thread | M12 |
| Contact surface | Ni/Au | Wire cross-section, solid, min. (AWG) | AWG 26 |
| Wire cross-section, solid, max. (AWG) | AWG 18 | Wire connection cross section, finely stranded, min. | 0.14 mm ² |
| Wire connection cross section, finely stranded, max. | 0.75 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.08 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 0.5 mm ² | Wire cross-section, solid, min. | 0.14 mm ² |
| Wire cross-section, solid, max. | 0.75 mm ² | Shielding | Yes |
| Protection degree | IP67 | Plugging cycles | ≥ 100 |

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Electrical properties

| | | | |
|-----------------------|----------|-----------------|------|
| Insulation resistance | ≥ 100 MΩ | Nominal voltage | 60 V |
|-----------------------|----------|-----------------|------|

Standards

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

General technical specifications

| | | | |
|------------------------------------------------------|----------------------|------------------------------------------------------|----------------------|
| Number of poles | 4 | Coding | D-coded |
| Connection thread | M12 | Contact surface | Ni/Au |
| LED | No | Type of connection | PUSH IN |
| UL 94 flammability rating | V-0 | Housing main material | PA 66 |
| Insulation resistance | ≥ 100 MΩ | Wire cross-section, solid, max. | 0.75 mm ² |
| Wire cross-section, solid, min. | 0.14 mm ² | Wire connection cross section, finely stranded, max. | 0.75 mm ² |
| Wire connection cross section, finely stranded, min. | 0.14 mm ² | Nominal voltage | 60 V |
| Nominal current | 4 A | Protection degree | IP67 |
| Plugging cycles | ≥ 100 | Pollution severity | 3 |
| Threaded ring material | Diecast zinc | Temperature range of housing | -40 ... +85 °C |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002635 | ETIM 9.0 | EC002635 |
| ETIM 10.0 | EC002635 | ECLASS 14.0 | 27-44-01-16 |
| ECLASS 15.0 | 27-44-01-16 | | |

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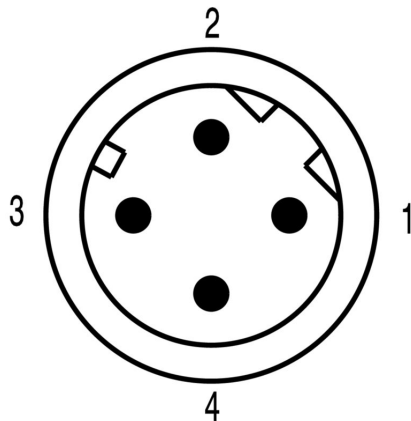
Drawings

www.weidmueller.com

Dimensioned drawing



Pole scheme

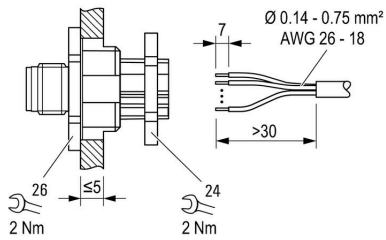


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Drawings

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Accessories**Brass nuts for EMC**

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 EMV M20 | Version | |
| Order No. | 1777630000 | SKMU MS EMV (brass locknut - EMC), Locknut, M 20, 3.6 mm, Brass, | |
| GTIN (EAN) | 4032248 157907 | nickel-plated | |
| Qty. | 100 ST | | |