# SAIB-M23-12P-AN-10M

**Weidmüller Interface GmbH & Co. KG**
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Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.
The M23 cables offer: high mating frequency, high current carrying capacity and high-density contacts coupled with minimal dimensions.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

## General ordering data

| | |
|---|---|
| Type | SAIB-M23-12P-AN-10M |
| Order No. | 1877441000 |
| Version | Sensor/actuator line, One end without connector, M23, No. of poles: 12, 10 m, bush, 90°, shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| GTIN (EAN) | 4032248498369 |
| Qty. | 1 pc(s). |

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## Technische Daten

### Dimensions and weights

| | |
|---|---|
| Net weight | 943 g |

### Technical specifications for cable

| | | | |
|---|---|---|---|
| No. of poles | 12 | Wire cross section | 3 x 0.75 mm² + 8 x 0.34 mm² |
| shielded | No | Insulation | TPM |
| Colour coding | White, Green, Yellow, Grey, Pink, Red, Black, Violet, Blue, Brown, green / yellow | Sheath material | PUR |
| Sheathing colour | Black | Outer diameter | 7.7 ± 0.3 mm |
| Cable length | 10 m | Temperature range, moving, min. | -5 °C |
| Temperature range, moving, max. | 80 °C | Temperature range, stationary, min. | -40 °C |
| Temperature range, stationary, max. | 80 °C | Halogen | No |
| Suitable for cable carriers | Yes | Torsion resistance | 0 °/m |
| Bending radius, min., moving | 10 x cable diameter | Bending cycles | 2 Mio |
| Resistant to welding beads | No | | |

### General technical data

| | | | |
|---|---|---|---|
| Version | bush, 90° | Contact tube diameter | M23 |
| Housing main material | PUR | Threaded ring material | Diecast zinc |
| Protection degree | IP 67 | Contact surface | Gold-plated |
| LED | No | Rated voltage | 150 V |
| Rated current | 8 A | Insulation resistance | $10^{12}$ Ω |
| Temperature range of housing | -40...+125 °C | Tightening torque | M23: 2.5 Nm |
| Pollution severity | 2 | jumpered | No |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 3.0 | EC001855 | UNSPSC | 26-12-16-13 |
| eClass 5.1 | 27-06-91-90 | eClass 6.2 | 27-06-91-90 |
| eClass 7.1 | 27-06-91-90 | | |

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |

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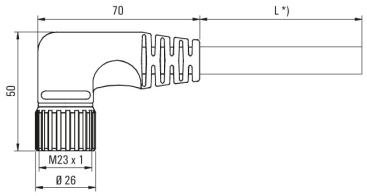
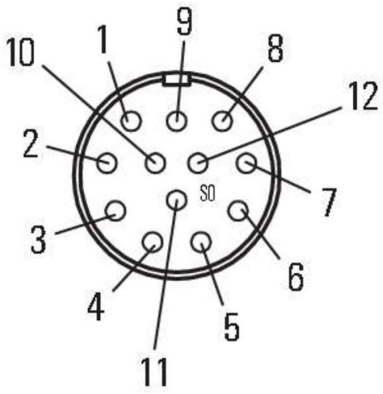
# Zeichnungen

### Dimensioned drawing




### Pole scheme




### Circuit diagram

### The ideal tool, the Screwty ® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F