

SAIL-ZB-3-15U**Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



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.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

| | |
|------------|-------------------------------|
| Order No. | 1106801500 |
| Type | SAIL-ZB-3-15U |
| GTIN (EAN) | 4050118824438 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 720 g

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | e8d8af70-4c85-4483-bc8c-9bc5b598e2a9 |

Technical specifications for cable

| | | | |
|--------------------------------------|--|--|-----------------------------|
| Cable length | 15 m | Sheathing colour | black (similar to RAL 9005) |
| Resistance to oils | Yes | Suitable for cable carriers | Yes |
| Core cross-section | 0.34 mm ² | Shielded | No |
| Halogen | No | Insulation | PP |
| Acceleration | 5 m/s ² | Bending radius, min., moving | 10 x cable diameter |
| Bending radius, min., stationary | 5 x cable diameter | Bending cycles | 12 Mio |
| Resistance to spread of flame | in accordance with IEC 60332-1-3, in accordance with IEC 60332-1-2, in accordance with IEC 60332-1 / UL 1581 FT2, in accordance with IEC 60332-2-2 | Speed | 3.33 m/s |
| Sheath material | PUR | Configurable cable length | No |
| Hydrolysis and microbe resistant | Yes | Outer cladding in accordance with UL AWM style | 20549 (80 °C / 300 V) |
| Core in accordance with UL AWM style | 10493 (80 °C / 300 V) | Welding spark resistance | No |
| Torsion resistance | 180 °/m | Temperature range, stationary | -50...80 °C |
| Resistant to welding beads | No | Bending cycles at torsion | > 5 Mio. |
| Temperature range, moving | -25...60 °C | Length of torsion | 1 m |
| Number of poles | 3 | Outside diameter | 3.8 mm ± 0.15 mm |

General technical data

| | | | |
|--------------------|-------------|-----------------|-----|
| Contact surface | Gold-plated | LED | No |
| Nominal voltage | 250 V | Nominal current | 4 A |
| Pollution severity | 3 | | |

Electrical properties

Nominal voltage 250 V

Classifications

| | | | |
|-----------|----------|-------------|-------------|
| ETIM 8.0 | EC001855 | ETIM 9.0 | EC001855 |
| ETIM 10.0 | EC001855 | ECLASS 14.0 | 27-06-03-11 |

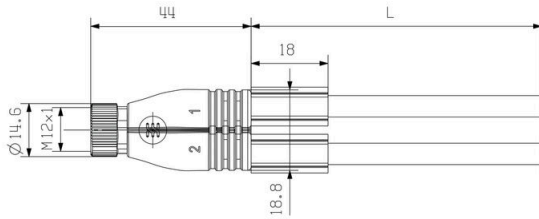
Technical data

ECLASS 15.0

27-06-03-11

Drawings

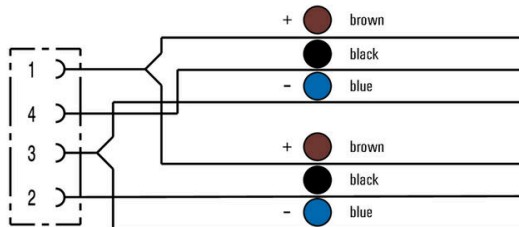
Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: 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

