

SAIH-SLL-3X0.75-16X0.34-100

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Weidmüller can supply suitable bus lines for customising. All bus cables are suitable for moving cable carriers and are available by the metre. The colour coding of the lines corresponds to the standard in mechanical engineering. The connection hoods of the M12 distributor always have the same number of terminals so that only one type of cable is necessary.

Advantages of bus cables supplied by the metre:

- Special lengths for bus cables
- No cable waste
- No storage space required for different cable lengths
- Also available in specific lengths.

General ordering data

| | |
|------------|--|
| Version | Sensor/actuator line, Number of poles: 19, 100 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No |
| Order No. | 2764950000 |
| Type | SAIH-SLL-3X0.75-16X0.34-100 |
| GTIN (EAN) | 4064675031185 |
| Qty. | 1 items |
| Packaging | on plywood reel |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 126.75 g

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Technical specifications for cable

| | | | |
|--------------------------------------|--|--|-----------------------|
| Cable length | 100 m | Sheathing colour | black |
| Resistance to oils | Yes | Suitable for cable carriers | Yes |
| Number of wires | 19 | Shielded | No |
| Halogen | No | Insulation | TPM |
| Acceleration | 5 m/s ² | Bending radius, min., moving | 10 x cable diameter |
| Bending radius, min., stationary | 5 x cable diameter | Bending cycles | 2 Mio |
| Wire cross section (Print/Online) | 3 x 0.75 mm ² + 16 x 0.34 mm ² | Speed | 200 m/s |
| Sheath material | PUR | Outer cladding in accordance with UL AWM style | 21198 (80 °C / 300 V) |
| Core in accordance with UL AWM style | 10493 (80 °C / 300 V) | Welding spark resistance | No |
| Colour coding | violet, red, grey, red / blue, green, blue, grey / pink, white / green, white / yellow, white / grey, black, Green/yellow, brown, Yellow / brown, brown / green, white, yellow, pink, grey / brown | Torsion resistance | 0 °/m |
| Temperature range, stationary | -50...80 °C | Resistant to welding beads | No |
| Temperature range, moving | -25...80 °C | Number of poles | 19 |
| Outside diameter | 9.1 mm ± 0.3 mm | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC003250 | ETIM 9.0 | EC003250 |
| ETIM 10.0 | EC003250 | ECLASS 14.0 | 27-06-01-06 |
| ECLASS 15.0 | 27-06-01-06 | | |

Detailed drawing



3 x 0,75 mm² + 16 x 0,34 mm²

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Accessories

Screwty for M23 moulded cables and customisable connectors



The Screwty® attachment is suitable for customisable M23 round plug-in connectors and for overmoulded M23 round plug-in connectors, with an outside dimension of the knurled nut of 26.2 ± 0.3 mm. The tightening torque is 2-2.5 Nm.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | SCREWTY M23 | Version | |
| Order No. | 1981560000 | Cable gland tool adapter for M23 lines and connectors | |
| GTIN (EAN) | 4032248677702 | | |
| Qty. | 1 ST | | |

Screwty® cable gland tool with torque function



The ideal tool for any application
 Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

| | | | |
|------------|----------------------------|--------------|--|
| Type | 1/4" HANDGRIFF | Version | |
| Order No. | 4294820000 | Bolting tool | |
| GTIN (EAN) | 4032248478279 | | |
| Qty. | 1 ST | | |