

**SAIH-SLL-3X1.0-16X0.5-100****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.  | <a href="#">2764890000</a>                                                                                 |
| Type       | SAIH-SLL-3X1.0-16X0.5-100                                                                                  |
| GTIN (EAN) | 4064675031147                                                                                              |
| Qty.       | 1 pc(s).                                                                                                   |
| Packaging  | on plywood reel                                                                                            |

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## Technical data

## Dimensions and weights

|            |           |
|------------|-----------|
| Net weight | 184.324 g |
|------------|-----------|

## Technical specifications for cable

|                                    |                                                                                                                                                                                                    |              |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Acceleration                       | 5 m/s²                                                                                                                                                                                             |              |
| Bending cycles                     | 2 Mio                                                                                                                                                                                              |              |
| Bending radius, min., moving       | 10 x cable diameter                                                                                                                                                                                |              |
| Bending radius, min., stationary   | 5 x cable diameter                                                                                                                                                                                 |              |
| Cable length                       | 100 m                                                                                                                                                                                              |              |
| Colour coding                      | Yellow / brown, brown / green, white, yellow, pink, grey / brown, brown, violet, red, grey, red / blue, green, blue, grey / pink, white / green, white / yellow, white / grey, black, Green/yellow |              |
| Colour coding (Wire cross section) | Wire cross-section                                                                                                                                                                                 | 3 x 1.0 mm²  |
|                                    | Colour coding                                                                                                                                                                                      | brown        |
|                                    | Wire cross-section                                                                                                                                                                                 | 16 x 0.5 mm² |
|                                    | Colour coding                                                                                                                                                                                      | yellow-brown |
| Halogen                            | No                                                                                                                                                                                                 |              |
| Insulation                         | TPM                                                                                                                                                                                                |              |
| Number of poles                    | 19                                                                                                                                                                                                 |              |
| Number of wires                    | 19                                                                                                                                                                                                 |              |
| Resistance to oils                 | Yes                                                                                                                                                                                                |              |
| Resistant to welding beads         | No                                                                                                                                                                                                 |              |
| Sheath material                    | PUR                                                                                                                                                                                                |              |
| Sheathing colour                   | black                                                                                                                                                                                              |              |
| Shielded                           | No                                                                                                                                                                                                 |              |
| Speed                              | 200 m/s                                                                                                                                                                                            |              |
| Suitable for cable carriers        | Yes                                                                                                                                                                                                |              |
| Temperature range, moving          | -25...80 °C                                                                                                                                                                                        |              |
| Temperature range, stationary      | -50...80 °C                                                                                                                                                                                        |              |
| Torsion resistance                 | 0 °/m                                                                                                                                                                                              |              |
| Welding spark resistance           | No                                                                                                                                                                                                 |              |
| Wire cross section (Print/Online)  | 3 x 1.0 mm² + 16 x 0.5 mm²                                                                                                                                                                         |              |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001578    | ETIM 7.0    | EC003250    |
| ETIM 8.0    | EC003250    | ETIM 9.0    | EC003250    |
| ETIM 10.0   | EC003250    | ECLASS 9.0  | 27-06-20-11 |
| ECLASS 9.1  | 27-06-90-90 | ECLASS 10.0 | 27-06-01-06 |
| ECLASS 11.0 | 27-06-01-06 | ECLASS 12.0 | 27-06-01-06 |
| ECLASS 13.0 | 27-06-01-06 | ECLASS 14.0 | 27-06-01-06 |
| ECLASS 15.0 | 27-06-01-06 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

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# Technical data

## Approvals

Approvals



Approvals MAMID

[https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319222/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/)

ROHS

Conform

## Downloads

Catalogues

[Catalogues in PDF-format](#)

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# Drawings

## Detailed drawing

