

**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
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## 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
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

## Environmental Product Compliance

REACH SVHC	/
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## Approvals

Approvals



ROHS	Conform
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## Technical data

### Downloads

Catalogues

[Catalogues in PDF-format](#)

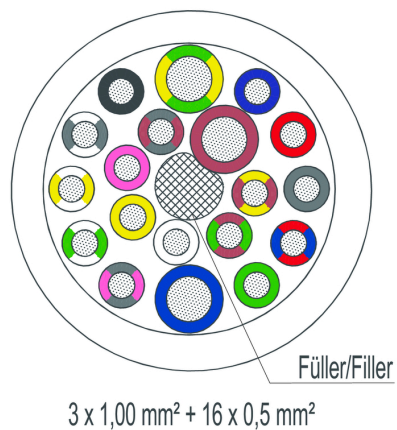
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# Drawings

## Detailed drawing



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## Accessories

## 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.	<a href="#">4294820000</a>	Bolting tool
GTIN (EAN)	4032248478279	
Qty.	1 pc(s).	

## 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  $26.2 \pm 0.3$  mm. The tightening torque is 2-2.5 Nm.

## General ordering data

Type	SCREWTY M23	Version	Packaging
Order No.	<a href="#">1981560000</a>	Cable gland tool adapter for M23 lines and connectors	Plastic bag
GTIN (EAN)	4032248677702		
Qty.	1 pc(s).		