

**SAIH-SLL-3X1.0-16X0.5-100****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.	<a href="#">2764890000</a>
Type	SAIH-SLL-3X1.0-16X0.5-100
GTIN (EAN)	4064675031147
Qty.	1 items
Packaging	on plywood reel

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Net weight 184.32 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 <sup>2</sup>	
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 1.0 mm <sup>2</sup> + 16 x 0.5 mm <sup>2</sup>	
Speed	200 m/s	
Sheath material	PUR	
Welding spark resistance	No	
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	
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	
Colour coding (Wire cross section)	Wire cross-section	3 x 1.0 mm <sup>2</sup>
	Colour coding	brown
	Wire cross-section	16 x 0.5 mm <sup>2</sup>
	Colour coding	yellow-brown

**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 1,00 mm<sup>2</sup> + 16 x 0,5 mm<sup>2</sup>

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

## General ordering data

Type	SCREWTY M23	Version	
Order No.	<a href="#">1981560000</a>	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.	<a href="#">4294820000</a>	Bolting tool	
GTIN (EAN)	4032248478279		
Qty.	1 ST		