

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

Klingenbergstraße 26

D-32758 Detmold

Germany

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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**

Type	SAIH-SLL-3X1.0-16X0.5
Order No.	<a href="#">1344720000</a>
Version	Sensor/actuator line, Number of poles: 19, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118146394
Qty.	1 m

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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**Technical data**

**Dimensions and weights**

Net weight 40 g

**Temperatures**

Operating temperature, max. 80 °C      Operating temperature, min. -25 °C

**Technical specifications for cable**

Number of poles	19 (18 + PE)	Number of wires	3
Wire cross section	16 x 0.5 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup>	Outside diameter	11.6 mm ± 0.3 mm
Shielded	No	Insulation	TPM
Sheath material	PUR	Sheathing colour	black
Halogen	No	Temperature range, moving	-25...80 °C
Temperature range, stationary	-50...80 °C	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Outer cladding in accordance with UL AWM style	21198 (80 °C / 300 V)	Suitable for cable carriers	Yes
Torsion resistance	0 °/m	Bending radius, min., stationary	5 x cable diameter
Bending radius, min., moving	10 x cable diameter	Bending cycles	2 Mio
Resistant to welding beads	No	Hydrolysis and microbe resistant	Yes
LABS-free	Yes	Resistance to oils	Yes

**Classifications**

ETIM 6.0	EC000830	ETIM 7.0	EC003249
eClass 9.0	27-06-18-05	eClass 9.1	27-06-90-90
eClass 10.0	27-06-18-01		

**Approvals**

Approvals



ROHS Conform

**Downloads**

Brochure/Catalogue [CAT 8 SAI 15/16 EN](#)  
[FL FIELDWIRING EN](#)

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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>	Tools, Bolting tool
GTIN (EAN)	4032248677702	
Qty.	1 pc(s).	

**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>	Tools, Bolting tool
GTIN (EAN)	4032248478279	
Qty.	1 pc(s).	