Weidmüller ⅀Ɛ

SAIH-SLL-3X1.0-16X0.5-100

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.	2764890000
Type	SAIH-SLL-3X1.0-16X0.5-100
GTIN (EAN)	4064675031147
Qty.	1 pc(s).
Packaging	on plywood reel

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SAIH-SLL-3X1.0-16X0.5-100

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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		

Approvals

Approvals

Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

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Technical data

Environmental Product Compliance

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

Downloads

Catalogues	Catalogues in PDF-format

SAIH-SLL-3X1.0-16X0.5-100

Drawings

Detailed drawing

Füller/Filler
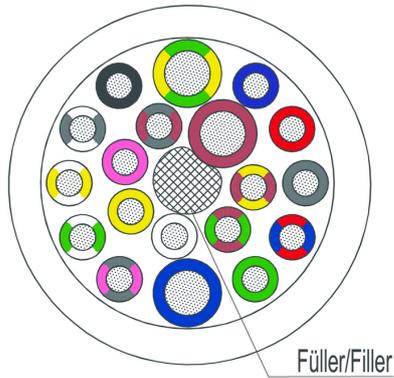
3 x 1,00 mm² + 16 x 0,5 mm²

SAIH-SLL-3X1.0-16X0.5-100

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		Packaging
Order No.	1981560000	Cable gland tool adapter for M23 lines and connectors		Plastic bag
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.	4294820000	Bolting tool
GTIN (EAN)	4032248478279	
Qty.	1 pc(s).	

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