Data sheet

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.	2764890000
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/s²	
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 mm² + 16 x 0.5 mm²	
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 mm²
	Colour coding	brown
	Wire cross-section	16 x 0.5 mm²
	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		

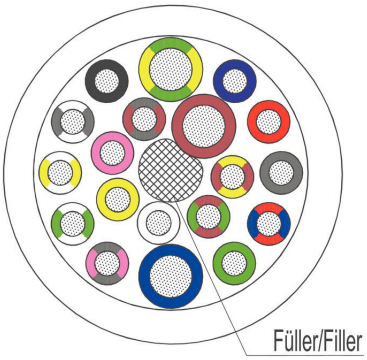
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Drawings

Detailed drawing



3 x 1,00 mm² + 16 x 0,5 mm²

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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 ±0.3 mm. The tightening torque is 2-2.5 Nm.

General ordering data

Type	SCREWTY M23	Version
Order No.	1981560000	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.	4294820000	Bolting tool
GTIN (EAN)	4032248478279	
Qty.	1 ST	