SAIH-SLL-3X0.75-16X0.34-500

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, 500 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2764960000
Type	SAIH-SLL-3X0.75-16X0.34-500
GTIN (EAN)	4064675031253
Qty.	1 items
Packaging	on plywood reel

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Technical data

Approvals

Approvals	CE UKCA
ROHS	Conform

Dimensions and weights

Net weight	63.37 g

Environmental Product Compliance

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

Technical specifications for cable

Cable length	500 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 0.75 mm² + 16 x 0.34 mm²
Speed	200 m/s
Sheath material	PUR
Outer cladding in accordance with UL AWM style	21198 (80 °C / 300 V)
Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Welding spark resistance	No
Colour coding	violet, red, grey, red / blue, green, blue, grey / pink, white / green, white / yellow, white / grey, black, Green/yellow, brown, Yellow / brown, brown / green, white, yellow, pink, grey / brown
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
Outside diameter	9.1 mm ± 0.3 mm

Colour coding (Wire cross section)	Wire cross-section	3 x 0.75 mm²
	Colour coding	brown
	Wire cross-section	16 x 0.34 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

Füller/Filler
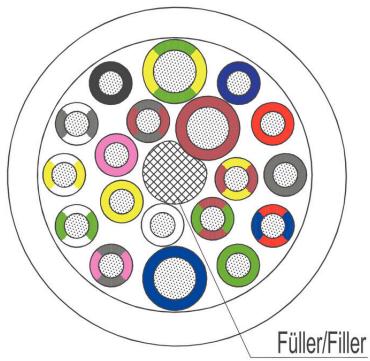
3 x 0,75 mm² + 16 x 0,34 mm²

SAIH-SLL-3X0.75-16X0.34-500

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		