Weidmüller ⢶⢶

SAIH-SLL-8X0.25TPE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Weidmüller offers a large and comprehensive range of sensor-actuator cables. We provide both, sensor cables as well as bus and valve cables of various sizes and lengths. If you cannot find a specific product or a product in the desired length, just contact us.

General ordering data

Version	Sensor/actuator line, Number of poles : 8, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1985920000
Type	SAIH-SLL-8X0.25TPE
GTIN (EAN)	4050118370867
Qty.	100 m

Creation date May 5, 2024 1:51:42 AM CEST

SAIH-SLL-8X0.25TPE

Technical data

Dimensions and weights

Net weight	21.86 g

Technical specifications for cable

Acceleration	5 m/s²	Bending cycles	1 mill.
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Colour coding	blue, red, white, brown, green, yellow, grey, pink	Configurable cable length	No
Core cross-section	0.25 mm²	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Halogen	No	Insulation	PP
Number of poles	8	Number of wires	8
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Outside diameter	5.9 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	No
Speed	5 m/s	Suitable for cable carriers	Yes
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C
Torsion resistance	180 °/m	Welding spark resistance	No

Classifications

ETIM 6.0	EC001578	ETIM 7.0	EC003250
ETIM 8.0	EC003250	ETIM 9.0	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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Approvals

Approvals

CE UKCA

ROHS	Conform

Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

Creation date May 5, 2024 1:51:42 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

2

SAIH-SLL-8X0.25TPE

Accessories

Cutting tools

Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools (KT 8 to KT 22) also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

General ordering data

Type	KT 8	Version	
Order No.	9002650000	Cutting tools, Cutting tool for one-hand operation	
GTIN (EAN)	4008190020163		
Qty.	1 pc(s).		

Tools

- Stripping tools with automatic self-adjustment
- For flexible and solid conductors
- Ideally suitable for mechanical and plant engineering, railway and rail traffic, wind energy, robot technology, explosion protection as well as marine, offshore and ship building sectors
- Stripping length adjustable via end stop
- Automatic opening of clamping jaws after stripping
- No fanning-out of individual conductors
- Adjustable to diverse insulation thicknesses
- Double-insulated cables in two process steps without special adjustment
- No play in self-adjusting cutting unit
- Long service life
- Optimised ergonomic design

General ordering data

Type	STRIPPER 6-16 RED-LINE	Version	
Order No.	9203110000	Stripping and cutting tool	
GTIN (EAN)	4032248541423		
Qty.	1 pc(s).		

Creation date May 5, 2024 1:51:43 AM CEST

SAIH-SLL-8X0.25TPE

Accessories

Tools

Sheathing stripper for PVC cables

General ordering data

Type	AM 12	Version	
Order No.	9030060000	Tools, Sheathing strippers	
GTIN (EAN)	4008190337827		
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	SCREWTY-M12-DM	Version		Packaging
Order No.	1900001000	Cable gland tool for moulded M12 lines		Cardboard
GTIN (EAN)	4032248436408			box
Qty.	1 pc(s).			
Type	SAI-SCREWTY BOX	Version		Packaging
Order No.	1939180000	Bolting tool		Plastic case
GTIN (EAN)	4032248615506			+ form
Qty.	1 pc(s).			insert

Creation date May 5, 2024 1:51:43 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

4

SAIH-SLL-8X0.25TPE

Accessories

Blank

TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Pre-attachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	TM-I 18 MC NE GE	Version	
Order No.	1718431687	TM-I, Insert markers, 18 x 4 mm, yellow	
GTIN (EAN)	4008190349028		
Qty.	320 pc(s).		
Type	TM-I 18 MC NE WS	Version	
Order No.	1718431044	TM-I, Insert markers, 18 x 4 mm, white	
GTIN (EAN)	4008190349011		
Qty.	320 pc(s).		

Creation date May 5, 2024 1:51:43 AM CEST