Data sheet

SAIH-4X0,25(PUR)

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 : 4, 100 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1902120000
Type	SAIH-4X0,25(PUR)
GTIN (EAN)	4032248515868
Qty.	100 M

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	21.82 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	in accordance with IEC 60811:404	PE function	No
Suitable for cable carriers	Yes	Core cross-section	0.25 mm²
Number of wires	4	Shielded	No
Halogen	No	Insulation	TPE
Acceleration	5 m/s²	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Bending cycles	12 Mio
Wire cross section (Print/Online)	0.25 mm²	Resistance to spread of flame	In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2
Speed	3.3 m/s	Sheath material	PUR
Cable length configurable	No	LABS-free	Yes
Hydrolysis and microbe resistant	Yes	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Type is hybrid cable	No
Irradiation crosslinked	No	Drain wire integrated	No
Colour coding	brown, white, blue, black	Torsion resistance	180 °/m
Temperature range, stationary	-50...80 °C	Resistant to welding beads	No
Bending cycles at torsion	> 5 Mio.	Temperature range, moving	-25...80 °C
Torsional length	1 m	Number of poles	4
Outside diameter	3.9 mm ± 0.15 mm		

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		