

SAIH-CD-2X0.34/2X0.22-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	Bus line, Number of poles: 4, 100 m, Shielded: Yes, Sheath material: PUR, Halogen: No
Order No.	1058630000
Type	SAIH-CD-2X0.34/2X0.22-PUR
GTIN (EAN)	4032248800322
Qty.	100 M

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Net weight 7.5 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	violet
Resistance to oils	in accordance with IEC 60811-2-1	PE function	No
Suitable for cable carriers	Yes	Core cross-section	0.38 mm ²
Number of wires	4	Shielded	Yes
Halogen	No	Insulation	Polyolefin, PE
Acceleration	4 m/s ²	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	4 x cable diameter	Bending cycles	2 Mio
Wire cross section (Print/Online)	2 x 0.34 mm ² + 2 x 0.22 mm ²	Resistance to spread of flame	in accordance with IEC 60332-1-2, in accordance with UL 1581 VW-1 and UL 2556 sec.9.4
Speed	4 m/s	Sheath material	PUR
Configurable cable length	No	Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)
Hybrid cable	Yes	Irradiation crosslinked	No
Welding spark resistance	No	Test voltage: wire-wire-shield	2000 Veff, 50 Hz, 1 min
Colour coding	white, blue, red, black	Temperature range, stationary	-40...80 °C
Resistant to welding beads	No	Temperature range, moving	-20...60 °C
Number of poles	4	Outside diameter	6.9 mm ± 0.3 mm

Cable specific standards

Impervious to smoke No

Standards

Impervious to smoke No

Cable structure

Sheathing colour	violet	Number of wires	4
Insulation cross-section	1.5 mm	Insulation	Polyolefin, PE
Material sheath	PUR	Wire pair shielding	Aluminium foil
Arrangement of wire cores	Twisted pair	Colour coding	white, blue, red, black
Complete shielding	Plastic foil, Shielding braid made from copper wiring	Overlap of shielding braid	85 %
Wire material	tinned copper	Insulation diameter 2	2.00 mm

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Electrical properties of cable

Operating voltage	125 V	Insulation resistance	108 Ω
Category	Miscellaneous	Speed	4 m/s
Loop resistance	181.8 Ω/km	Test voltage: wire-wire-shield	2000 V _{eff} , 50 Hz, 1 min
Capacity at 800 Hz	40 nF/km	Delay skew	450 ns/100m

Mechanical and material properties of cable

Resistance to oils	in accordance with IEC 60811-2-1	UV-resistant	Complies with UL 1581 Sec. 1200
Halogen	No	Acceleration	4 m/s ²
Bending cycles	2 Mio	Resistance to spread of flame	in accordance with IEC 60332-1-2, in accordance with UL 1581 VW-1 and UL 2556 sec.9.4
Speed	4 m/s	Impervious to smoke	No

Classifications

ETIM 8.0	EC003249	ETIM 9.0	EC003249
ETIM 10.0	EC003249	ECLASS 14.0	27-06-18-01
ECLASS 15.0	27-06-18-01		

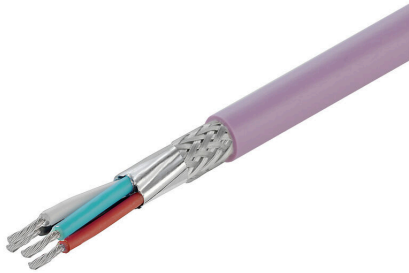
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Drawings

Detailed drawing



Pole scheme

