

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

Dimensions and weights

Net weight	7.5 g
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Technical specifications for cable

Acceleration	4 m/s ²	Bending cycles	2 Mio
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	100 m	Colour coding	white, blue, red, black
Configurable cable length	No	Core cross-section	0.38 mm ²
Halogen	No	Hybrid cable	Yes
Insulation	Polyolefin, PE	Irradiation crosslinked	No
Number of poles	4	Number of wires	4
Outer cladding in accordance with UL AWM style	20236 (80 °C / 30 V)	Outside diameter	6.9 mm ± 0.3 mm
PE function	No	Resistance to oils	in accordance with IEC 60811-2-1
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	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	violet
Shielded	Yes	Speed	4 m/s
Suitable for cable carriers	Yes	Temperature range, moving	-20...60 °C
Temperature range, stationary	-40...80 °C	Test voltage: wire-wire-shield	2000 V _{eff} , 50 Hz, 1 min
Welding spark resistance	No	Wire cross section (Print/Online)	2 x 0.34 mm ² + 2 x 0.22 mm ²

Cable specific standards

Impervious to smoke	No
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Standards

Impervious to smoke	No
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Cable structure

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

Electrical properties of cable

Capacity at 800 Hz	40 nF/km	Category	Miscellaneous
Delay skew	450 ns/100m	Insulation strength	10 ⁸ Ω
Loop resistance	181.8 Ω/km	Operating voltage	125 V
Speed	4 m/s	Test voltage: wire-wire-shield	2000 V _{eff} , 50 Hz, 1 min

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Technical data

Mechanical and material properties of cable

Acceleration	4 m/s ²	Bending cycles	2 Mio
Halogen	No	Impervious to smoke	No
Resistance to oils		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
	in accordance with IEC 60811-2-1		
Speed	4 m/s	UV-resistant	Complies with UL 1581 Sec. 1200

Classifications

ETIM 6.0	EC000830	ETIM 7.0	EC003249
ETIM 8.0	EC003249	ETIM 9.0	EC003249
ETIM 10.0	EC003249	ECLASS 9.0	27-06-18-05
ECLASS 9.1	27-06-90-90	ECLASS 10.0	27-06-18-01
ECLASS 11.0	27-06-18-01	ECLASS 12.0	27-06-18-01
ECLASS 13.0	27-06-18-01	ECLASS 14.0	27-06-18-01
ECLASS 15.0	27-06-18-01		

Environmental Product Compliance

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

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

Product Change Notification	20221115 Technical change to CANopenDeviceNet cord sets and cables 20221115 Technische Änderung zu CANopenDeviceNet Leitungen
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

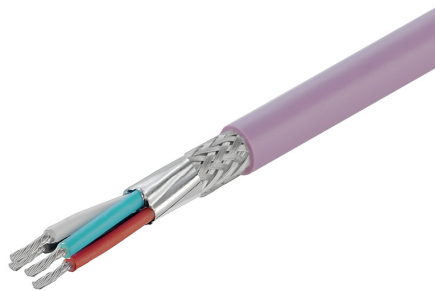
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Drawings

Detailed drawing



Pole scheme

