

Cable reel - SAC-4P-100,0-PUR/SH-0,34 - 1501715

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By the meter, Cable reel, shielded, PUR halogen-free, black-gray RAL 7021, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 813420
GTIN	4017918813420
Weight per Piece (excluding packing)	4,760.000 g
Custom tariff number	85444995
Country of origin	Germany

Technical data

Dimensions

Length of cable	100 m
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General

Number of positions	4
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Cable

Cable type	PUR halogen-free black
Cable type (abbreviation)	PUR
Cable abbreviation	Li9Y-V1-C-V1-11Y
UL AWM style	20549 / 10493 (80°C/300 V)
Conductor cross section	4x 0.34 mm² (Signal line)
AWG signal line	22

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Technical data

Cable

Conductor structure signal line	42x 0.10 mm
Core diameter including insulation	1.27 mm $\pm$ 0.02 mm (Signal line)
Thickness, insulation	$\geq$ 0.21 mm
Wire colors	brown, white, blue, black
Overall twist	4 wires, twisted
Shielding	Tinned copper braided shield
Optical shield covering	80 %
External sheath, color	black-gray RAL 7021
Outer sheath thickness	approx. 0.5 mm
External cable diameter D	4.95 mm $\pm$ 0.2 mm
Minimum bending radius, fixed installation	5 x D
Minimum bending radius, flexible installation	10 x D
Number of bending cycles	10000000
Minimum bending radius, drag chain applications	10 x D
Traversing path	10 m
Traversing rate	3 m/s
Acceleration	10 m/s ²
Cable weight	36 kg/km
Outer sheath, material	PUR
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Insulation resistance	$\geq$ 100 G Ω *km (at 20 °C)
Conductor resistance	max. 58 Ω /km (at 20 °C)
Cable capacity	$\leq$ 80 pF/m (Conductor-Conductor)
	$\leq$ 135 pF/m (Wire/shield)
Wave impedance	$\geq$ 62 Ω (f = 10 MHz)
Conductor inductance	approx. 0.75 mH/km (f = 1 kHz)
Nominal voltage, cable	$\leq$ 300 V
Test voltage, cable	$\geq$ 3000 V
Special properties	Flexible cable conduit capable
	Silicone-free
	Free of substances which would hinder coating with paint or varnish
	Low adhesion surface
Other resistance	Highly resistant to acids, alkaline solutions and solvents
	hydrolysis and microbe resistant
	Resistant to salt water
	partly UV-resistant in accordance with DIN EN ISO 4892-2-A

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	abrasion-resistant
Flame resistance	in accordance with UL 758/1581 FT2
	DIN EN 60332-2-2 (20 s)
Halogen-free	in accordance with DIN VDE 0472 part 815
	in accordance with DIN EN 50267-2-1
Resistance to oil	in accordance with DIN EN 60811-2-1
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

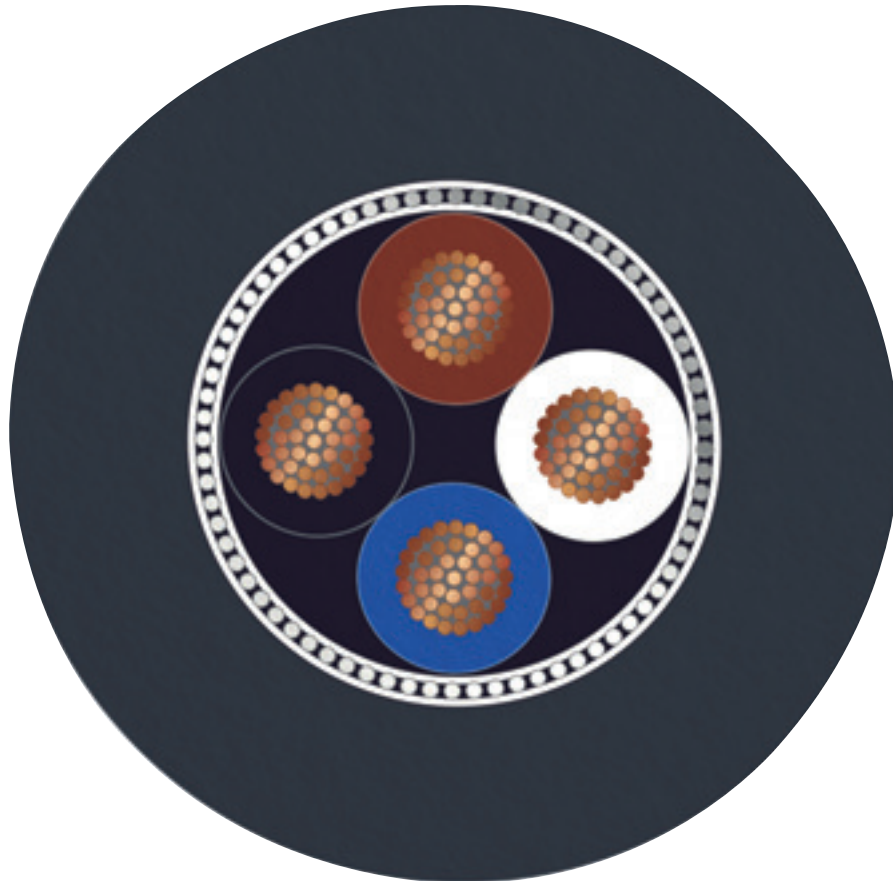
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

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Cable cross section



PUR halogen-free black [PUR]

Classifications

eCl@ss

eCl@ss 10.0.1	27061801
eCl@ss 11.0	27061801
eCl@ss 4.0	27060300
eCl@ss 4.1	27060300
eCl@ss 5.0	27061800
eCl@ss 5.1	27061800
eCl@ss 6.0	27062000
eCl@ss 7.0	27062011
eCl@ss 9.0	27062011

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Classifications

ETIM

ETIM 2.0	EC000830
ETIM 3.0	EC001855
ETIM 4.0	EC001855
ETIM 6.0	EC001578
ETIM 7.0	EC003250

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	31251501
UNSPSC 18.0	39121465
UNSPSC 19.0	39121465
UNSPSC 20.0	39121465
UNSPSC 21.0	39121465

Approvals

Approvals

Approvals

EAC-RoHS

Ex Approvals

Approval details

EAC-RoHS		RU D- DE.HB35.B.00371
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Accessories

Accessories

Stripping tool

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Accessories

Stripping tool - WIREFOX SAC - 1212623



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length