

SAC-3P-100,0-927 - Cable reel



1573736

<https://www.phoenixcontact.com/us/products/1573736>

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By the meter, Cable reel, DeviceNet™, shielded, PVC, black, 4-wire, color single wire: red-black, blue-white, cable length: 100 m

Commercial data

Item number	1573736
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	AF1LFA
GTIN	4046356435505
Weight per piece (including packing)	8,790 g
Weight per piece (excluding packing)	222.22 g
Customs tariff number	85444995
Country of origin	DE

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Technical data

Product properties

Product type	Data cable by the meter
Number of positions	4

Cable/line

Cable length	100 m
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CANopen®/DeviceNet™, PVC, black [927]

Cable weight	83 kg/km
UL AWM Style	2464 (80°C/300 V)
Number of positions	4
Shielded	yes
Cable type	CANopen®/DeviceNet™, PVC, black [927]
Signal runtime	4.46 ns/m
Conductor structure signal line	44x 0.10 mm
AWG signal line	22
Conductor structure, voltage supply	44x 0.10 mm
AWG power supply	22
Conductor cross-section	2x 0.34 mm ² (Signal line) 2x 0.34 mm ² (Power supply) 1x 0.38 mm ² (Drain wire)
Wire diameter incl. insulation	2.55 mm (Signal line) 1.37 mm (Power supply)
External cable diameter	8.30 mm ±0.3 mm
Outer sheath, material	PVC
External sheath, color	black
Conductor material	Tin-plated Cu litz wires
Material wire insulation	Foamed PP (Signal line) PVC (Power supply)
Single wire, color	red-black, blue-white
Thickness, insulation	≥ 0.30 mm (Wire insulation power supply)
Thickness, outer sheath	≥ 1.00 mm
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	2 pairs with filler elements, around a drain wire in the center to the core
Optical shield covering	85 %
Max. conductor resistance	≤ 56 Ω/km
Insulation resistance	≥ 20 MΩ*km
Wave impedance	120 Ω ±12 Ω (f = 1 MHz)
Working capacitance	approx. 39.8 nF (Signal line, line-line) ≤ 4000 pF (Signal line, line-shield)

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Nominal voltage, cable	≤ 300 V
Test voltage	2000 V (50 Hz, 1 min.)
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	8 x D
Smallest bending radius, fixed installation	34 mm
Smallest bending radius, movable installation	67 mm
Flame resistance	in acc. with UL 1581, section 1061
Ambient temperature (operation)	-30 °C ... 80 °C

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Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com