

NBC-4X2X26-OE-OE-93D-100,0 SH - Cable reel



1107609

<https://www.phoenixcontact.com/us/products/1107609>

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Cable reel, 8-position, PUR mixture halogen-free, black RAL 9005, cable length: 100 m

Commercial data

Item number	1107609
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF16
Product key	AF1IIC
GTIN	4063151007669
Country of origin	NL

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Technical data

Product properties

Product type	Data cable by the meter
Application	Connector
Number of positions	8

Cable/line

Cable length	100 m
Dimensional drawing	
UL AWM Style	20549 (80°C/300 V)
Number of positions	8
Shielded	yes
Conductor structure	4x2xAWG26/7, SF/UTP
Signal speed	0.6 c
Conductor structure signal line	7x 0.16 mm
AWG signal line	26
Conductor cross section	4x 2x 0.14 mm ²
Wire diameter incl. insulation	0.98 mm ±0.05 mm
External cable diameter	6.40 mm ±0.2 mm
Outer sheath, material	PUR mixture halogen-free
External sheath, color	black RAL 9005
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	white/blue-blue, white/orange-orange, white/green-green, white/brown-brown
Thickness, outer sheath	0.80 mm
Twisted pairs	2 cores to the pair
Overall twist	4 pairs, twisted
Optical shield covering	85 %
Max. conductor resistance	< 140 Ω/km
Insulation resistance	≥ 5 GΩ*km
Wave impedance	100 Ω ±15 Ω (at 4 ... 100 MHz)
Cable capacity	< 56 nF/km
Nominal voltage, cable	72 V DC 300 V AC

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Test voltage Core/Core	2500 V DC (2 s)
Test voltage Core/Shield	2500.00 V DC (2 s)
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	60 mm
Tensile strength	80 N
Flame resistance	Horizontal flame test
Resistance to oil	according to IEC 60811-2-1
Other resistance	UV resistant
	abrasion-resistant (DIN 53516)
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (installation)	0 °C ... 50 °C

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Classifications

ECLASS

ECLASS-13.0	27060311
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ETIM

ETIM 9.0	EC001855
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UNSPSC

UNSPSC 21.0	26121604
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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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