

PV-1P-1000,0/S02-4,0 - Cable reel



1459579

<https://www.phoenixcontact.com/us/products/1459579>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Cable ring, PE-X, black, 1-pos., cable length: 1000 m



Commercial data

Item number	1459579
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABLBDX
Catalog page	Page 425 (C-2-2013)
GTIN	4046356618878
Weight per piece (including packing)	60,000 g
Weight per piece (excluding packing)	60,000 g
Country of origin	DE

PV-1P-1000,0/S02-4,0 - Cable reel



1459579

<https://www.phoenixcontact.com/us/products/1459579>

Technical data

Product properties

Number of positions	1
Shielded	no

Electrical properties

Nominal current I_N	≤ 55 A (up to +60 °C)
-----------------------	----------------------------

Dimensions

Width	5.2 mm
Height	5.2 mm
Length	1000 m

Material specifications

Outer sheath, material	PE-X
Conductor material	Tin-plated Cu litz wires

Cable/line

Cable length	4 m
--------------	-----

PV1-F cables [S02]

Shielded	no
Cable weight	58 kg/km
Cable type	PV1-F cables
Short symbol	Li2X-2X
Cable type (abbreviation)	S02
External cable diameter	5.20 mm $\pm$ 0.2 mm
Outer sheath, material	PE-X
External sheath, color	black-gray RAL 7021
Material, inner sheath	PE-X
Conductor structure, voltage supply	56x 0.30 mm
AWG power supply	12
Thickness, insulation	≥ 0.50 mm (Inner sheath)
Cable resistance	5 Ω /km (at 20 °C)
Smallest bending radius, fixed installation	20 mm
Smallest bending radius, movable installation	40 mm
Ambient temperature (operation)	-40 °C ... 90 °C
	-40 °C ... 90 °C
	-40 °C ... 90 °C

Standards and regulations

Flame resistance	IEC 60332-1-2
	Resistance to acids and alkalis

PV-1P-1000,0/S02-4,0 - Cable reel



1459579

<https://www.phoenixcontact.com/us/products/1459579>

Other resistance	Resistant to salt water
	Resistant to ozone

PV-1P-1000,0/S02-4,0 - Cable reel



1459579

<https://www.phoenixcontact.com/us/products/1459579>

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com