

# PV-1P-1000,0/S03-6,0 - Cable reel



1459582

<https://www.phoenixcontact.com/us/products/1459582>

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



## Commercial data

Item number	1459582
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABLBDX
GTIN	4046356618885
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Country of origin	DE

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## Technical data

### Product properties

Number of positions	1
Shielded	no

### Electrical properties

Max. conductor resistance	3.5 Ω/km
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### Material specifications

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

### Cable/line

Cable length	6 m
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#### PV1-F cables [S03]

Cable weight	80 kg/km
Number of positions	1
Shielded	no
Cable type	PV1-F cables [S03]
Conductor structure, voltage supply	84x 0.30 mm
AWG power supply	10
External cable diameter	5.90 mm ±0.2 mm
Outer sheath, material	PE-X
External sheath, color	black-gray RAL 7021
Thickness, insulation	≥ 0.50 mm (Inner sheath) ≥ 0.50 mm (Outer cable sheath)
Max. conductor resistance	3.5 Ω/km (at 20 °C)
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	60 mm
Ambient temperature (operation)	-40 °C ... 90 °C 120 °C (maximum permissible temperature at the conductor) 200 °C (permissible short-circuit temperature - maximum of 5 s)

### Standards and regulations

Flame resistance	IEC 60332-1-2
Other resistance	Resistance to acids and alkalis Resistant to salt water Resistant to ozone

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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-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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