

PV-1P-1000,0/S04-10,0 - Cable reel



1459595

<https://www.phoenixcontact.com/us/products/1459595>

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 | 1459595 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | ABLBDX |
| GTIN | 4046356618908 |
| Weight per piece (including packing) | 22.22 g |
| Weight per piece (excluding packing) | 22.22 g |
| Country of origin | DE |

PV-1P-1000,0/S04-10,0 - Cable reel



1459595

<https://www.phoenixcontact.com/us/products/1459595>

Technical data

Product properties

| | |
|---------------------|----|
| Number of positions | 1 |
| Shielded | no |

Electrical properties

| | |
|---------------------------|-----------|
| Max. conductor resistance | 1.95 Ω/km |
|---------------------------|-----------|

Material specifications

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

Cable/line

| | |
|--------------|------|
| Cable length | 10 m |
|--------------|------|

PV1-F cables [S04]

| | |
|---|--|
| Cable weight | 127 kg/km |
| Number of positions | 1 |
| Shielded | no |
| Cable type | PV1-F cables [S04] |
| Conductor structure, voltage supply | 80x 0.40 mm |
| AWG power supply | 8 |
| External cable diameter | 6.90 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 |
| Max. conductor resistance | 1.95 Ω/m (at 20 °C) |
| Smallest bending radius, fixed installation | 34.5 mm |
| Smallest bending radius, movable installation | 69 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 |

PV-1P-1000,0/S04-10,0 - Cable reel



1459595

<https://www.phoenixcontact.com/us/products/1459595>

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 2026 © - 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