

SAC-5P-100,0-923 - Cable reel



1400493

<https://www.phoenixcontact.com/us/products/1400493>

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.



By the meter, Cable reel, CANopen®, DeviceNet™, shielded, PUR halogen-free, silver-gray RAL 7001, 4-wire (2xAWG24/19+2xAWG22/19), color single wire: red-black, blue-white, cable length: 100 m

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1400493 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF11 |
| Product key | AF1LEA |
| GTIN | 4046356497626 |
| Weight per piece (including packing) | 5,808.4 g |
| Weight per piece (excluding packing) | 5,731.5 g |
| Customs tariff number | 85444995 |
| Country of origin | DE |

SAC-5P-100,0-923 - Cable reel

1400493

<https://www.phoenixcontact.com/us/products/1400493>

Technical data

Product properties

| | |
|---------------------|--------------------|
| Product type | Cable by the meter |
| Sensor type | CANopen® |
| Number of positions | 4 |


Interfaces

| | |
|----------------------|------------|
| Signal type/category | CANopen® |
| | DeviceNet™ |

Cable/line

| | |
|--------------|-------|
| Cable length | 100 m |
|--------------|-------|

CANopen®/DeviceNet™, PUR, gray [923]

| | |
|--------------------------------|--|
| Dimensional drawing |  |
| UL AWM Style | 21198 (80°C/300 V) |
| Number of positions | 4 |
| Shielded | yes |
| Cable type | CANopen®/DeviceNet™, PUR, gray [923] |
| Conductor structure | 2xAWG24/19+2xAWG22/19 |
| AWG signal line | 24 |
| AWG power supply | 22 |
| Conductor cross-section | 2x 0.25 mm ² (Data cable) 2x 0.34 mm ² (Power supply) 1x 0.34 mm ² (Drain wire) |
| Wire diameter incl. insulation | 1.95 mm ±0.05 mm (Data cable) 1.4 mm ±0.05 mm (Power supply) |
| External cable diameter | 6.70 mm ±0.3 mm |
| Outer sheath, material | PUR |
| External sheath, color | silver-gray RAL 7001 |
| Conductor material | Tin-plated Cu litz wires |
| Material wire insulation | Foamed PE (Data cable) PE (Power supply) |
| Single wire, color | red-black, blue-white |
| Twisted pairs | 2 cores to the pair |
| Overall twist | 2 pairs around a drain wire in the center to the core |

SAC-5P-100,0-923 - Cable reel



1400493

<https://www.phoenixcontact.com/us/products/1400493>

| | |
|---|---|
| Optical shield covering | 80 % |
| Insulation resistance | ≥ 5 GΩ*km (Data cable) |
| | ≥ 5 GΩ*km (Power supply) |
| Wave impedance | 120 Ω ±10 % (with 1 MHz) |
| Nominal voltage, cable | ≤ 300 V (Peak value, not for high-power applications) |
| Test voltage Core/Core | 2000 V (50 Hz, 1 min.) |
| Test voltage Core/Shield | 2000.00 V (50 Hz, 1 min.) |
| Minimum bending radius, fixed installation | 4 x D |
| Minimum bending radius, flexible installation | 8 x D |
| Dynamic load capacity (bending) | Max. bending cycles: 5000000, Bending radius: 70 mm, Bending radius: 15 x D, Traversing path: 4.5 m, Traversing rate: 3 m/s, Acceleration: 3 m/s ² , Ambient temperature: -20 °C ... 60 °C |
| Shield attenuation | ≤ 22.9 dB/km (with 1 MHz) |
| | ≤ 16.4 dB/km (At 500 kHz) |
| | ≤ 9.5 dB/km (At 125 kHz) |
| Halogen-free | in accordance with DIN VDE 0472 part 815 |
| | according to IEC 60754-1 |
| Flame resistance | UL 1581, Section 1060 and UL 2556, Section 9.3 (FT1) |
| | UL 1581, Section 1100 and UL 2556, Section 9.1 (HFT/FT2) |
| | IEC 60332-1-2 |
| | in accordance with ISO 6722-1 5.22 (UN ECE-R 118.01) |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| | -30 °C ... 70 °C (Cable, flexible installation) |
| | -20 °C ... 60 °C (for installation) |
| | -20 °C ... 60 °C (cable, drag chain applications) |

Environmental and real-life conditions

Ambient conditions

| | |
|--|---|
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| Ambient temperature (operation) (Cable, flexible installation) | -20 °C ... 70 °C (Cable, flexible installation) |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |

SAC-5P-100,0-923 - Cable reel



1400493

<https://www.phoenixcontact.com/us/products/1400493>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27061801 |
| ECLASS-15.0 | 27061801 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC003249 |
|-----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

SAC-5P-100,0-923 - Cable reel



1400493

<https://www.phoenixcontact.com/us/products/1400493>

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