

SAC-12P-100,0-PVC/0,14 - Cable reel

1441532

<https://www.phoenixcontact.com/us/products/1441532>



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By the meter, Cable reel, PVC, black RAL 9005, 12-wire, color single wire: white, brown, green, yellow, gray, pink, blue, red, black, violet, gray/pink, red/blue, cable length: 100 m



Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1441532 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF11 |
| Product key | AF1LBA |
| GTIN | 4046356536516 |
| Weight per piece (including packing) | 4,773 g |
| Weight per piece (excluding packing) | 4,613 g |
| Customs tariff number | 85444995 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|---------------------|--------------------|
| Product type | Cable by the meter |
| Application | Connector |
| Number of positions | 12 |
| Shielded | no |

Cable/line

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

PVC black [PVC]

Dimensional drawing



| | |
|---|--|
| Number of positions | 12 |
| Shielded | no |
| Cable type | PVC black [PVC] |
| Conductor structure signal line | 18x 0.10 mm |
| AWG signal line | 26 |
| Conductor cross section | 12x 0.14 mm ² (Signal line) |
| Wire diameter incl. insulation | 1 mm ±0.05 mm (Signal line) |
| External cable diameter | 5.80 mm |
| Outer sheath, material | PVC |
| External sheath, color | black RAL 9005 |
| Conductor material | Bare Cu litz wires |
| Material wire insulation | PVC |
| Single wire, color | white, brown, green, yellow, gray, pink, blue, red, black, violet, gray/pink, red/blue |
| Overall twist | 12 wires twisted in layers |
| Max. conductor resistance | ≤ 142 Ω/km (at 20 °C) |
| Insulation resistance | > 10 MΩ*km |
| Nominal voltage, cable | 250 V |
| Test voltage Core/Core | 1500 V AC |
| Smallest bending radius, fixed installation | 29 mm |
| Smallest bending radius, movable installation | 87 mm |
| Flame resistance | DIN EN 50265-2-1 |
| Ambient temperature (operation) | -25 °C ... 80 °C (cable, fixed installation) -5 °C ... 80 °C (Cable, flexible installation) |

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Approvals

ⓘ To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1441532>

| UL Listed Approval ID: E221474 | | | | |
|--|-----------------------|-----------------------|-------------------|----------------------|
| | Nominal voltage U_N | Nominal current I_N | Cross section AWG | Cross section mm^2 |
| keine | 30 V | 1 A | - | - |

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Classifications

ECLASS

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

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC003249 |
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UNSPSC

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

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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% |
|-------------------------------------|----------------------------|

EF3.0 Climate Change

| | |
|---------|----------------|
| CO2e kg | 14.196 kg CO2e |
|---------|----------------|

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Phoenix Contact USA

586 Fulling Mill Road

Middletown, PA 17057, United States

(+717) 944-1300

info@phoenixcon.com