

SAC-12P-100,0-35T/SH-0,14 - Cable reel



1405789

<https://www.phoenixcontact.com/us/products/1405789>

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By the meter, Cable reel, shielded, PUR/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, Twisted pair cable

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1405789 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF11 |
| Product key | BF1LAA |
| Catalog page | Page 303 (C-2-2019) |
| GTIN | 4046356768078 |
| Weight per piece (including packing) | 9,040 g |
| Weight per piece (excluding packing) | 9,040 g |
| Customs tariff number | 85444995 |
| Country of origin | DE |

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Technical data


Product properties

| | |
|---------------------|--------------------|
| Product type | Cable by the meter |
| Number of positions | 12 |
| Application | Connector |
| Shielded | yes |

Cable/line

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

Black PUR/PVC twisted pair [35T]

| | |
|--|---|
| Dimensional drawing |  |
| Cable weight | 87 kg/km |
| UL AWM Style | 20233 / 1061 (80°C/300 V) |
| Number of positions | 12 |
| Shielded | yes |
| Cable type | Black PUR/PVC twisted pair [35T] |
| 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 | 8.50 mm ±0.2 mm |
| Outer sheath, material | PUR |
| External sheath, color | black RAL 9005 |
| Conductor material | Tin-plated Cu litz wires |
| Material wire insulation | PVC |
| Single wire, color | white-brown, green-yellow, gray-pink, blue-red, black-violet, gray/pink-red/blue |
| Twisted pairs | 2 cores to the pair |
| Overall twist | Six pairs around the filler to the core |
| Optical shield covering | 85 % |
| Max. conductor resistance | ≤ 142 Ω/km (at 20 °C) |
| Insulation resistance | ≥ 10 MΩ*km (at 20 °C) |
| Nominal voltage, cable | 42 V AC |
| Test voltage | 1500 V AC |
| Minimum bending radius, fixed installation | 5 x D |

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|---|--|
| Minimum bending radius, flexible installation | 10 x D |
| Smallest bending radius, fixed installation | 43 mm |
| Smallest bending radius, movable installation | 85 mm |
| Max. bending cycles | 2000000 |
| Flame resistance | According to DIN EN 60332-1-2 |
| | According to VW-1 |
| Resistance to oil | in accordance with DIN EN 60811-2-1 |
| Other resistance | hydrolysis and microbe resistant (in accordance with EN 50396) |
| Special properties | Flexible cable conduit capable |
| Ambient temperature (operation) | -40 °C ... 80 °C (cable, fixed installation) |
| | -5 °C ... 80 °C (Cable, flexible installation) |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27061801 |
| ECLASS-12.0 | 27061801 |
| ECLASS-13.0 | 27061801 |

ETIM

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| ETIM 9.0 | EC003249 |
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UNSPSC

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| UNSPSC 21.0 | 26121600 |
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Environmental product compliance

| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

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