SAC-4P-100,0-186/0,75 - Cable reel

1457461

https://www.phoenixcontact.com/us/products/1457461

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By the meter, Cable reel, PUR, black-gray RAL 7021, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m

Commercial data

Item number	1457461
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LBA
GTIN	4046356617789
Weight per piece (including packing)	5,660 g
Weight per piece (excluding packing)	5,350 g
Customs tariff number	85444290
Country of origin	PL

Technical data

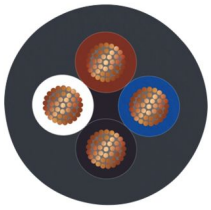
Product properties

Product type	Cable by the meter
Application	Connector
Number of positions	4
Shielded	no

Cable/line

Cable length	100 m

PUR POWER 0.75 mm² black [186]

Dimensional drawing	
Cable weight	57 kg/km
UL AWM Style	20549 / 1061 (80°C/300 V)
Number of positions	4
Shielded	no
Cable type	PUR POWER 0.75 mm² black [186]
Conductor structure signal line	42x 0.15 mm
AWG signal line	18
Conductor cross-section	4x 0.75 mm² (power line)
Wire diameter incl. insulation	1.75 mm ±0.05 mm
External cable diameter	5.90 mm ±0.15 mm
Outer sheath, material	PUR
External sheath, color	black-gray RAL 7021
Conductor material	Bare Cu litz wires
Material wire insulation	PVC
Single wire, color	brown, white, blue, black
Thickness, insulation	≥ 0.23 mm (Core insulation)
	≥ 0.76 mm (Outer cable sheath)
Overall twist	4 wires, twisted
Max. conductor resistance	max. 26 Ω/km (at 20 °C)
Insulation resistance	≥ 1 MΩ*km (at 20 °C)
Nominal voltage, cable	≤ 300 V
Test voltage	≥ 3000 V
Minimum bending radius, fixed installation	5 x D

Minimum bending radius, flexible installation	10 x D
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	59 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000000, Bending radius: 59 mm, Traversing path: 5 m, Traversing rate: 3 m/s, Acceleration: 5 m/s²
Flame resistance	in accordance with UL 758/1581 FT2
Resistance to oil	According to DIN EN 60811-2-1, 168 h at 100°C
Other resistance	hydrolysis and microbe resistant
	Low adhesion
	abrasion-resistant
	Resistant to salt water
Ambient temperature (operation)	-25 °C ... 80 °C (cable, fixed installation)
	-5 °C ... 80 °C (Cable, flexible installation)

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1457461

EAC-RoHS
Approval ID: RU D-DE.HB35.B.00371

Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

ETIM 10.0	EC003249

UNSPSC

UNSPSC 21.0	26121600

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%

EF3.1 Climate Change

CO2e kg	48.769 kg CO2e

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