chanhvinh.com

SAC-3P-100,0-800/0,34 - Cable reel

1566242

https://www.phoenixcontact.com/gb/products/1566242

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, PUR halogen-free, gray RAL 7001, 3-wire, color single wire: brown, blue, black, cable length: 100 m, highly flexible, resistant to welding sparks

Commercial data

Item number	1566242
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AF1LAA
Product key	AF1LAA
GTIN	4046356327183
Weight per piece (including packing)	2,542 g
Weight per piece (excluding packing)	2,542 g
Customs tariff number	85444290
Country of origin	DE

chanhvinh.com

SAC-3P-100,0-800/0,34 - Cable reel

1566242

https://www.phoenixcontact.com/gb/products/1566242

Technical data

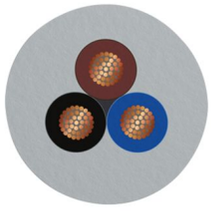
Product properties

Product type	Cable by the meter
Application	Connector
Number of positions	3
Shielded	no

Cable/line

Cable length	100 m

Gray, highly flexible PUR [800]

Dimensional drawing	
Note	Due to the extremely robust outer sheath, this cable should only be stripped in 5 cm increments.
Cable weight	28.3 kg/km
UL AWM Style	20549
Number of positions	3
Shielded	no
Cable type	Gray, highly flexible PUR [800]
Conductor structure signal line	42x 0.10 mm
AWG signal line	22
Conductor cross section	3x 0.34 mm² (Signal line)
Wire diameter incl. insulation	1.3 mm ±0.05 mm (Signal line)
External cable diameter	4.50 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	gray RAL 7001
Conductor material	Bare Cu litz wires
Material wire insulation	PP
Single wire, color	brown, blue, black
Overall twist	3 wires, twisted
Max. conductor resistance	approx. 53 Ω/km
Insulation resistance	≥ 20 MΩ*km
Nominal voltage, cable	300 V
Test voltage	2000 V
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	7.5 x D

chanhvinh.com

SAC-3P-100,0-800/0,34 - Cable reel

1566242

https://www.phoenixcontact.com/gb/products/1566242

Smallest bending radius, fixed installation	18 mm
Smallest bending radius, movable installation	34 mm
Dynamic load capacity (bending)	Max. bending cycles: 10000000, Bending radius: 7,5 x D, Traversing path: 5 m, Traversing rate: 3.3 m/s, Acceleration: 5 m/s²
	Max. bending cycles: 15000000, Bending radius: 50 mm, Traversing path: 0.9 m, Traversing rate: 5 m/s, Acceleration: 30 m/s²
Dynamic load capacity (torsion)	Torsion: ±360 °/m, Torsion cycles: 1000000, Torsional frequency: 35 cycles/min.
Halogen-free	in accordance with DIN VDE 0472 part 815
Flame resistance	in accordance with UL 758/1581 FT2
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Highly resistant to acids, alkaline solutions and solvents
	Silicone-free
Special properties	Cable jacket is welding spark-resistant, recyclable, matt, low-adhesion, abrasion-resistant, flame-retardant, and self-extinguishing
	Free from silicone and cadmium
	Free of substances which would hinder coating with paint or varnish
Ambient temperature (operation)	-40 °C ... 80 °C (cable, fixed installation)
	-25 °C ... 80 °C (Cable, flexible installation)

chanhvinh.com

SAC-3P-100,0-800/0,34 - Cable reel

1566242

https://www.phoenixcontact.com/gb/products/1566242

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1566242

UL Listed
Approval ID: FILE E 221474

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	300 V	4 A	-	-

cUL Listed
Approval ID: FILE E 221474

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	300 V	4 A	-	-

chanhvinh.com

SAC-3P-100,0-800/0,34 - Cable reel

1566242

https://www.phoenixcontact.com/gb/products/1566242

Classifications

ECLASS

ECLASS-13.0	27061801

ETIM

ETIM 9.0	EC003249

UNSPSC

UNSPSC 21.0	26121600

chanhvinh.com

SAC-3P-100,0-800/0,34 - Cable reel

1566242

https://www.phoenixcontact.com/gb/products/1566242

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	34.461 kg CO2e

Phoenix Contact 2025 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk