

SAC-5P-100,0-BF145 - Cable reel

1402537

<https://www.phoenixcontact.com/in/products/1402537>



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By the meter, Cable reel, shielded, POC halogen-free, black RAL 9005, 5-wire, color single wire: black 1, black 2, black 3, black 4, black 5, cable length: 100 m, irradiated

Commercial data

Item number	1402537
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	*****
Product key	AF1LAA
GTIN	4046356621830
Weight per piece (including packing)	8,272 g
Weight per piece (excluding packing)	8,272 g
Customs tariff number	85444995
Country of origin	CH

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Technical data

Product properties

Product type	Cable by the meter
Number of positions	5

Cable/line

Cable length	100 m
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POC irradiated halogen-free black [BF 145]

Cable weight	86 kg/km
Number of positions	5
Shielded	yes
Cable type	POC irradiated halogen-free black [BF 145]
AWG signal line	20
Conductor cross section	5x 0.5 mm ²
Wire diameter incl. insulation	1.9 mm
External cable diameter	7.30 mm
Outer sheath, material	POC
External sheath, color	black RAL 9005
Conductor material	Tin-plated Cu litz wires
Material wire insulation	POC
Single wire, color	black 1, black 2, black 3, black 4, black 5
Overall twist	5 wires around filler to the core
Nominal voltage, cable	300 V
Test voltage Core/Core	3500 V
Test voltage Core/Shield	2500.00 V
Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	12 x D
Smallest bending radius, fixed installation	30 mm
Smallest bending radius, movable installation	88 mm
Dynamic load capacity (bending)	Max. bending cycles: 2000000, Bending radius: 10 x D, Traversing path: 5 m, Traversing rate: 4 m/s, Acceleration: 5 m/s ²
Halogen-free	according to IEC 60754-1 in accordance with DIN EN 50267-2-1
Flame resistance	IEC 60332-1 According to DIN EN 50265-2-1
Concentration of fumes	in accordance with IEC 61034 EN 50268-2
Other resistance	Good resistance to aggressive media
Special properties	Irradiated
Ambient temperature (operation)	-55 °C ... 145 °C (cable, fixed installation) -35 °C ... 120 °C (Cable, flexible installation)

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Classifications

ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	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%

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Accessories

WIREFOX SAC - Stripping tool

1212623

<https://www.phoenixcontact.com/in/products/1212623>



Stripping pliers, for halogen-free sensor/actuator cables (SAC cables), with PUR and PVC insulation, from Ø of 4.4 to 7 mm, any stripping length

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