

SAC-4P-100,0-160/0,75 - Cable reel



1409214

<https://www.phoenixcontact.com/us/products/1409214>

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By the meter, Cable reel, PUR halogen-free, yellow, 4-wire, color single wire: brown, white, blue, black, cable length: 100 m, irradiated

Commercial data

Item number	1409214
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	AF1LBA
GTIN	4046356864411
Weight per piece (including packing)	5,536.2 g
Weight per piece (excluding packing)	5,536.2 g
Country of origin	DE

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Technical data

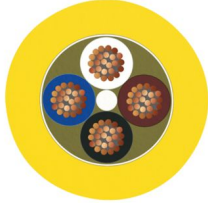
Product properties

Product type	Cable by the meter
Number of positions	4

Cable/line

Cable length	100 m
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PUR irradiated halogen-free yellow [160]

Dimensional drawing	
Cable weight	57 kg/km
Number of positions	4
Shielded	no
Cable type	PUR irradiated halogen-free yellow [160]
Conductor structure signal line	24x 0.21 mm
AWG signal line	18
Conductor cross-section	4x 0.75 mm ² (Signal line)
Wire diameter incl. insulation	1.6 mm ±0.1 mm (Signal line)
External cable diameter	6.20 mm ±0.2 mm
Outer sheath, material	PUR
External sheath, color	yellow
Conductor material	Bare Cu litz wires
Material wire insulation	PE
Single wire, color	brown, white, blue, black
Thickness, insulation	0.25 mm (Core insulation) 1.10 mm (Outer cable sheath)
Overall twist	4 wires, twisted
Max. conductor resistance	≤ 26 mΩ/m
Nominal voltage, cable	300 V AC
Test voltage	2000 V (50 Hz, 5 minutes)
Minimum bending radius, fixed installation	3 x D
Minimum bending radius, flexible installation	12 x D
Smallest bending radius, fixed installation	19 mm
Smallest bending radius, movable installation	75 mm
Dynamic load capacity (bending)	Max. bending cycles: 5000000, Bending radius: 10 x D, Traversing path: 10 m, Traversing rate: 3 m/s

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Dynamic load capacity (torsion)	Torsion: ± 360 °/m
Flame resistance	according to DIN VDE 0472 Part 804
Special properties	Irradiated
Ambient temperature (operation)	-50 °C ... 105 °C (cable, fixed installation)
	-40 °C ... 105 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-50 °C ... 105 °C (cable, fixed installation)
Ambient temperature (operation) (Cable, flexible installation)	-40 °C ... 105 °C (Cable, flexible installation)

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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1409214>



EAC-RoHS

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

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Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	27061801

ETIM

ETIM 10.0	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
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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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