

SAC-2P-100,0-915 - Bus system cable



1401361

<https://www.phoenixcontact.com/us/products/1401361>

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By the meter, Bus system cable, PROFIBUS, shielded, PUR/PVC, blue, 2-wire (1x2xAWG24/19), color single wire: red, green, cable length: 100 m



Commercial data

Item number	1401361
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	AF1LEA
GTIN	4046356552981
Weight per piece (including packing)	7,630 g
Weight per piece (excluding packing)	7,630 g
Customs tariff number	85444995
Country of origin	DE

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Technical data

Product properties

Product type	Data cable by the meter
Sensor type	PROFIBUS
Number of positions	2
Shielded	yes

Electrical properties

Transmission medium	Copper
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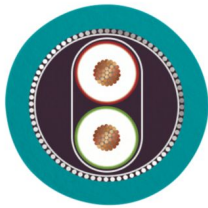
Interfaces

Signal type/category	PROFIBUS
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Cable/line

Cable length	100 m
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PROFIBUS [915]

Dimensional drawing	
Cable weight	74 kg/km
Number of positions	2
Shielded	yes
Cable type	PROFIBUS [915]
Conductor structure	1x2xAWG24/19
Conductor structure signal line	19x 0.14 mm
AWG signal line	24
Conductor cross-section	2x 0.25 mm ²
Wire diameter incl. insulation	2.56 mm
External cable diameter	8.00 mm ±0.4 mm
Outer sheath, material	PUR
External sheath, color	blue
Conductor material	Bare Cu litz wires
Material wire insulation	Foamed PE
Single wire, color	red, green
Thickness, outer sheath	approx. 0.80 mm
Overall twist	2 wires, twisted
Optical shield covering	70 %

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Insulation resistance	$\geq 16 \text{ G}\Omega \cdot \text{km}$
Working capacitance	28 nF (at 1 kHz)
Nominal voltage, cable	$\leq 100 \text{ V}$
Test voltage Core/Core	3600 V DC
Minimum bending radius, flexible installation	5 x D
Smallest bending radius, movable installation	40 mm
Dynamic load capacity (bending)	Max. bending cycles: 3000000, Bending radius: 60 mm, Acceleration: 4 m/s ²
Tensile strength	$\leq 100 \text{ N}$
Flame resistance	according to IEC 60332-1
Resistance to oil	Resistant to mineral oils and grease
Ambient temperature (operation)	-40 °C ... 80 °C (Cable, flexible installation)

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Classifications

ECLASS

ECLASS-13.0	27061801
ECLASS-15.0	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
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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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