

## Bus system cable - SAC-2P-100,0-913 - 1416130


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Bus system cable, PROFIBUS PA (31.25 kbps), FOUNDATION Fieldbus (31.25 kbps), 2-position, PVC, black, shielded, cable length: 100 m



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 063157
GTIN	4055626063157

### Technical data

#### Dimensions

Length of cable	100 m
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#### General

Number of positions	2
Signal type/category	PROFIBUS PA, 31.25 kbps
	FOUNDATION Fieldbus, 31.25 kbps

#### Cable

Cable type	PROFIBUS PA
Cable type (abbreviation)	913
UL AWM style	2464
Cable structure	2xAWG18/7 + 1xAWG20/7
Conductor cross section	2x 0.75 mm <sup>2</sup> (Signal line)
	1x 0.5 mm <sup>2</sup> (Drain wire)
AWG signal line	18
Conductor structure signal line	7x 0.40 mm
Core diameter including insulation	2.5 mm ±0.05 mm
Thickness, insulation	0.65 mm
Wire colors	Red, green

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### Technical data

#### Cable

Twisted pairs	2 cores to the pair
Overall twist	One pair with one drain wire and fillers for core
Shielding	Aluminum-lined polyester foil and braiding with filler litz wire
Optical shield covering	70 %
External sheath, color	black
Outer sheath thickness	1 mm
External cable diameter D	7.8 mm
Tensile strength GRP	80 N
Outer sheath, material	PVC
Material conductor insulation	Foamed PE
Conductor material	Tin-plated Cu litz wires
Conductor resistance	20.5 Ω/km (Signal line)
	9 Ω/km (shield)
Cable capacity	80 nF/km (core-core)
	4 nF/km (core-shield)
Signal speed	0.77 c
Cable impedance	100 Ω ±20 % (At 31.25 kHz)
Nominal voltage, cable	300 V
Flame resistance	according to IEC 60332-1
Resistance to oil	According to ICEA S82-552
Other resistance	UV resistant According to UL 1581, Section 1200
Ambient temperature (operation)	-30 °C ... 75 °C

#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Classifications

#### eCl@ss

eCl@ss 10.0.1	27060390
eCl@ss 4.0	24010400
eCl@ss 4.1	24010400
eCl@ss 5.0	19030300
eCl@ss 5.1	19030300
eCl@ss 6.0	27061800
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801
eCl@ss 9.0	27061801

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### Classifications

#### ETIM

ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249

#### UNSPSC

UNSPSC 13.2	26121604
UNSPSC 18.0	26121604
UNSPSC 19.0	26121604
UNSPSC 20.0	26121604
UNSPSC 21.0	26121604

### Approvals

#### Approvals

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Approvals


EAC-RoHS

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Ex Approvals

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#### Approval details

EAC-RoHS		RU D- DE.HB35.B.00371
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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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