

Bus system cable - SAC-4P-100,0-93P - 1401819


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Bus system cable, Ethernet, 4-wire, shielded, PVC, blue outer sheath, 2 x 2 x 0.14 mm², cable ring: 100 m



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 574129
GTIN	4046356574129

Technical data

Dimensions

Length of cable	100 m
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General

Number of positions	4
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Transmission characteristics (category)	CAT5

Cable

Cable type	Ethernet
Cable type (abbreviation)	93P
UL AWM style	2654 (90 °C / 300 V)
Cable structure	2x2xAWG26/7; SF/UTP
Conductor cross section	2x 2x 0.14 mm ²
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	0.98 mm ±0.05 mm
Wire colors	white/orange-orange, white/green-green
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil

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Technical data

Cable

Overall twist	Two pairs with two fillers to the core
Shielding	Tinned copper braided shield
Optical shield covering	85 %
External sheath, color	water blue RAL 5021
Outer sheath thickness	≥ 1 mm
External cable diameter D	6.4 mm ±0.2 mm
Smallest bending radius, movable installation	25 mm
Tensile strength GRP	≤ 40 N
Outer sheath, material	PVC
Material conductor insulation	PP
Conductor material	Bare Cu litz wires
Insulation resistance	> 5 GΩ*km
Conductor resistance	≤ 140 Ω/km
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
Working capacitance	< 56 nF
Wave impedance	100 Ω ±5 % (at 100 MHz)
Signal speed	0.6 c
Signal runtime	0.4 ns/m
Shield attenuation	32 dB (up to 100 MHz)
Nominal voltage, cable	≤ 300 V AC
	≤ 450 V DC
Test voltage Core/Core	2500 V DC
Flame resistance	According to VW-1
Resistance to oil	in accordance with DIN EN 60811-2-1
Other resistance	Resistant to cleaning agents/disinfectants According to ECOLAB F&E/ P3-E No. 40-1
Ambient temperature (operation)	-40 °C ... 90 °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

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Classifications

eCl@ss

eCl@ss 6.0	27061800
eCl@ss 7.0	27061801
eCl@ss 8.0	27061801
eCl@ss 9.0	27061801

ETIM

ETIM 3.0	EC000104
ETIM 4.0	EC000104
ETIM 5.0	EC000830
ETIM 6.0	EC000830
ETIM 7.0	EC003249

UNSPSC

UNSPSC 6.01	31251501
UNSPSC 7.0901	31251501
UNSPSC 11	31251501
UNSPSC 12.01	31251501
UNSPSC 13.2	26121604
UNSPSC 18.0	26121604
UNSPSC 19.0	26121604
UNSPSC 20.0	26121604
UNSPSC 21.0	26121604

Approvals


Approvals

Approvals

EAC-RoHS

Ex Approvals

Approval details

EAC-RoHS		RU D- DE.HB35.B.00371
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Accessories

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Accessories

Stripping tool

Stripping tool - WIREFOX SAC - 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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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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