



Automatización Eléctrica
Especialistas en Automatización

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Cable - PSM-CABLE-PROFIB/FC - 2744652


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PROFIBUS cable, Fast Connect type, up to 12 Mbps (02YSY (ST)CY 1x2x22 AWG)



Key Commercial Data

Packing unit	1 M
GTIN	 4 017918 836658

Technical data

Cable type

Cable abbreviation	02YSY(ST)CY 1 x 2 x 22AWG
Cable type	PROFIBUS in acc. with IEC 61158, Type A

Ambient conditions

Ambient temperature (operation)	-40 °C ... 60 °C
Resistance to oil	Limited resistance to mineral oils and greases

External sheath

Printing	PHOENIX CONTACT PSM-CABLE PROFIBUS/ES 02YSY(ST)CY 1 X 2 X 22 AWG and continuous meter marking
Outer sheath, material	PVC FR VI
External sheath, color	Violet
External diameter	8 mm
External diameter max.	8.4 mm
External diameter min.	7.6 mm

Single wire

Single wire, color	Conductor 1: red
	Conductor 2: green
Single wire, material	Solid copper wire, bare
Single wire, cross section	0.34 mm ²

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Technical data

Mechanical properties

Smallest bending radius, fixed installation	=> 150 mm with outer sheath
Tensile strength short-term/long-term	≤ 100 N

General

Conductor length	Free entry (1.0 ... 1000.0 m)
Cable weight	78 kg/km
Loop resistance	≤ 110 Ω (per kilometer)
Working capacitance	28.5 nF (per kilometer)
Wave impedance	150 Ω ±15 %

Behavior in fire

Behavior in fire	Flame-resistant as per IEEE and IEC 60 332-3 test type C
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Standards and Regulations

Resistance to oil	Limited resistance to mineral oils and greases
Behavior in fire	Flame-resistant as per IEEE and IEC 60 332-3 test type C
Standards/regulations	# File E119100

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27062011

ETIM

ETIM 2.0	EC001136
ETIM 3.0	EC001136
ETIM 4.0	EC001136
ETIM 5.0	EC001578

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

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Approvals

Approvals

Approvals

EAC

Ex Approvals

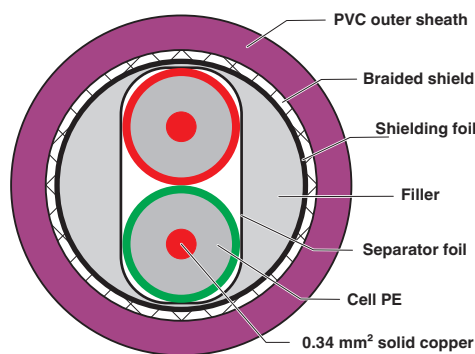
Approvals submitted

Approval details

EAC

Drawings

Schematic diagram



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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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Product	Code	Reference	Product link
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