

Cable - CABLE-D- 9SUB/M/OE/0,25/S/2,0M



2926399

<https://www.phoenixcontact.com/pc/products/2926399>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Assembled shielded round cable; connection 1: Single wires (9-position) (The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.); connection 2: D-SUB pin strip (1x 9-position); cable length: 2 m

Your advantages

- Individual wire marking: 1, 2, 3, 4, etc.
- Individual wires fitted with ferrules
- Connector in accordance with IEC 60807-2/DIN 41652
- 1:1 connection
- Open end at one end
- D-SUB socket or pin strip at one end
- Screw connection: 2 UNC 4-40 screws
- Shield connection: H05V-K 1 mm² cable, black, length: 0.5 m

Commercial Data

Item number	2926399
Packing unit	1 pc
Minimum order quantity	1 pc
Product Key	CK2135
Catalog Page	Page 576 (C-5-2019)
GTIN	4046356546942
Weight per Piece (including packing)	168.8 g
Weight per Piece (excluding packing)	163.5 g
Customs tariff number	85444290
Country of origin	DE

Technical Data

Product properties

Product type	System cable
Insulation characteristics	
Overvoltage category	II
Pollution degree	2
Insulation	Functional insulation

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection Installation location	≥ IP54 (Installation location)
Ambient temperature (operation)	-40 °C ... 70 °C (fixed installation) -10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m

Electrical properties

Max. permissible operating voltage	25 V AC
	60 V DC
Nominal operating mode	100% operating factor
Max. current carrying capacity per path	2 A (see to derating)
Rated insulation voltage	125 V
Rated surge voltage	1.2 kV

Cable / line

Cable length	2 m
--------------	-----

9X0.25 [PVC]

Number of positions	9
Shielded	yes
Cable type	9X0.25 [PVC]
Conductor type	Assembled shielded round cable
Conductor structure signal line	14x 0.15 mm
AWG signal line	24
Conductor cross section	9x 0.25 mm ²
Wire diameter incl. insulation	1.2 mm ±0.05 mm
External cable diameter	6.7 mm ±0.5 mm
Outer sheath, material	Semi-rigid PVC
External sheath, color	gray
Conductor material	Bare Cu litz wires
Cable resistance	≤ 80 Ω/km (at 20 °C)

Cable - CABLE-D- 9SUB/M/OE/0,25/S/2,0M



2926399

<https://www.phoenixcontact.com/pc/products/2926399>

Insulation resistance	≥ 20 MΩ*km (at 20 °C)
Smallest bending radius, fixed installation	58 mm
Smallest bending radius, movable installation	108 mm
Max. bending cycles	5000 (at a radius of ≥ 15x outside diameter)
Halogen-free	no
Flame resistance	IEC 60332-1-2 (raw cable)
	VDE 0842, Part 332-1-2 (raw cable)
	IEC 60332-3-22 (raw cable)
	UL VW-1
	CSA FT-1
Resistance to oil	can withstand occasional splashes (raw cable)

color code

D-SUB9 (1)	() = white
D-SUB9 (2)	() = brown
D-SUB9 (3)	() = green
D-SUB9 (4)	() = yellow
D-SUB9 (5)	() = gray
D-SUB15 (6)	() = pink
D-SUB9 (7)	() = blue
D-SUB9 (8)	() = red
D-SUB9 (9)	() = black

Connection data

Field level

Connection method	D-SUB pin strip
Number of connections	1
Number of positions	9
Tightening torque	0.2 Nm
Insertion/withdrawal cycles	> 200

Controller level

Connection method	Single wires
Number of positions	9
Note	The wires are marked and fitted with ferrules. The braided shield is routed to a separate cable end.

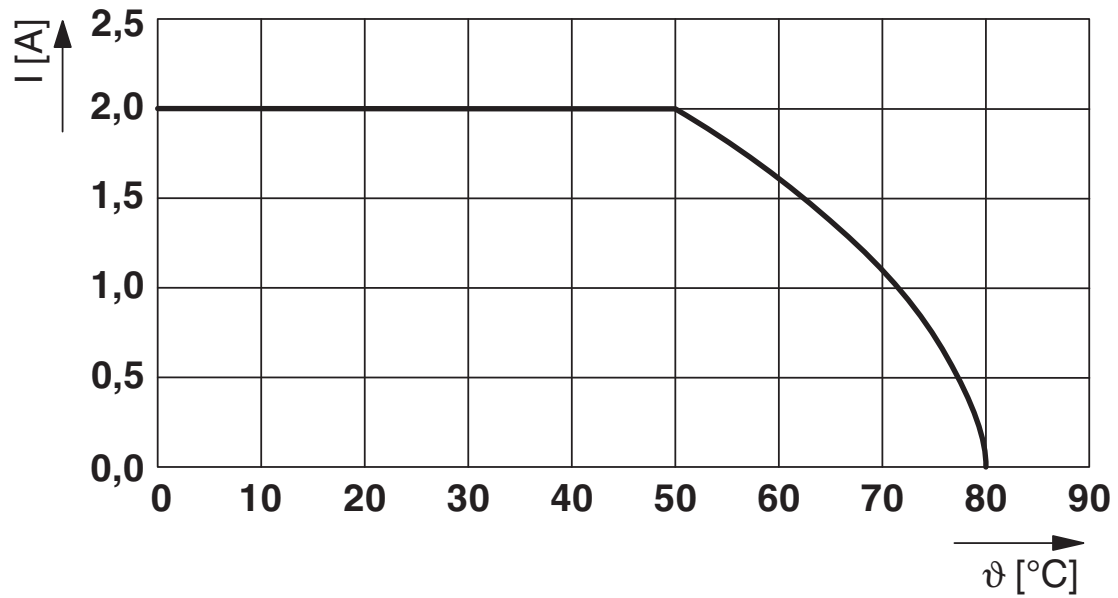
Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN EN 50178
-----------------------	--------------

Drawings

Diagram



Maximum permissible current per path in uncoiled state

Cable - CABLE-D- 9SUB/M/OE/0,25/S/2,0M




2926399

<https://www.phoenixcontact.com/pc/products/2926399>

Approvals

 CSA Approval ID: 70002966	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	1 A	-	-

 cUL Recognized Approval ID: FILE E 238705	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	2 A	-	-

 UL Recognized Approval ID: FILE E 238705	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
	125 V	2 A	-	-

 EAC Approval ID: RU*-DE.HB*35.B00385				
--	--	--	--	--

cULus Recognized				
-------------------------	--	--	--	--

Cable - CABLE-D- 9SUB/M/OE/0,25/S/2,0M

2926399

<https://www.phoenixcontact.com/pc/products/2926399>



Classifications

ECLASS

ECLASS-9.0	27242220
ECLASS-10.0.1	27242220
ECLASS-11.0	27242220

ETIM

ETIM 8.0	EC000237
----------	----------

UNSPSC

UNSPSC 21.0	26121600
-------------	----------

Cable - CABLE-D- 9SUB/M/OE/0,25/S/2,0M



2926399

<https://www.phoenixcontact.com/pc/products/2926399>

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Cable - CABLE-D- 9SUB/M/OE/0,25/S/2,0M

2926399

<https://www.phoenixcontact.com/pc/products/2926399>



Accessories

Cable marker carrier

Cable marker carrier - KME - 0807083

<https://www.phoenixcontact.com/pc/products/0807083>



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable ties, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com