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VS-09-DSUB-20-LI-1,0 - D-SUB cable

1656233

https://www.phoenixcontact.com/pc/products/1656233

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Assembled D-SUB cable, shielded, 9-pos., stranded (7-wire), cable color: RAL 7000 (gray), secured using 4-40 UNC thread, IP20 protection, head 1 with socket shell 1 and straight cable outlet, head 2 with pin shell 1 and straight cable outlet, length: 1 m

Commercial data

Item number	1656233
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNCAS
Catalog page	Page 218 (C-2-2013)
GTIN	4046356029711
Weight per piece (including packing)	98.1 g
Weight per piece (excluding packing)	96.3 g
Customs tariff number	85444290
Country of origin	CN

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Technical data

Product properties

Product type	Data cable preassembled
Type	D-SUB
Sensor type	Universal
Number of positions	9
Cable outlet	straight

Insulation characteristics

Overvoltage category	III
Degree of pollution	2

Electrical properties

Rated current	1 A
Operating voltage	30 V
Transmission medium	Copper

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 50

Material specifications

Housing material	PVC
Contact material	Copper alloy
Contact surface material	gold-plated
Outer sheath, material	PVC

Connection data

Connection technology

Connection method	D-SUB

Conductor connection

Connection method	D-SUB

Connector

Connection 1

Type	Socket straight D-SUB 9
Degree of protection	IP20

Connection 2

Type	Plug straight D-SUB 9
Degree of protection	IP20

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Cable/line

Outer sheath, material	PVC
Cable cross section	0.08 mm²
AWG signal line	28

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
	IP20
Ambient temperature (operation)	0 °C ... 70 °C

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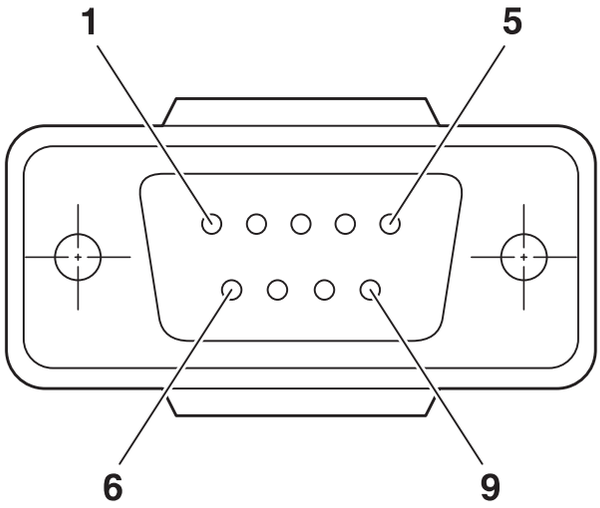
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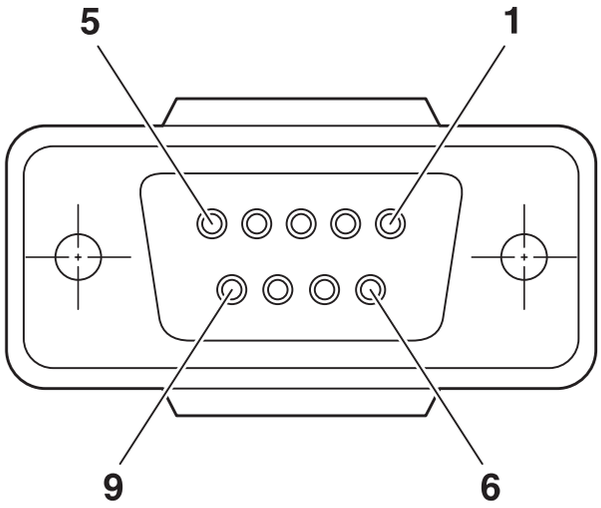
Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



Pin connector pattern

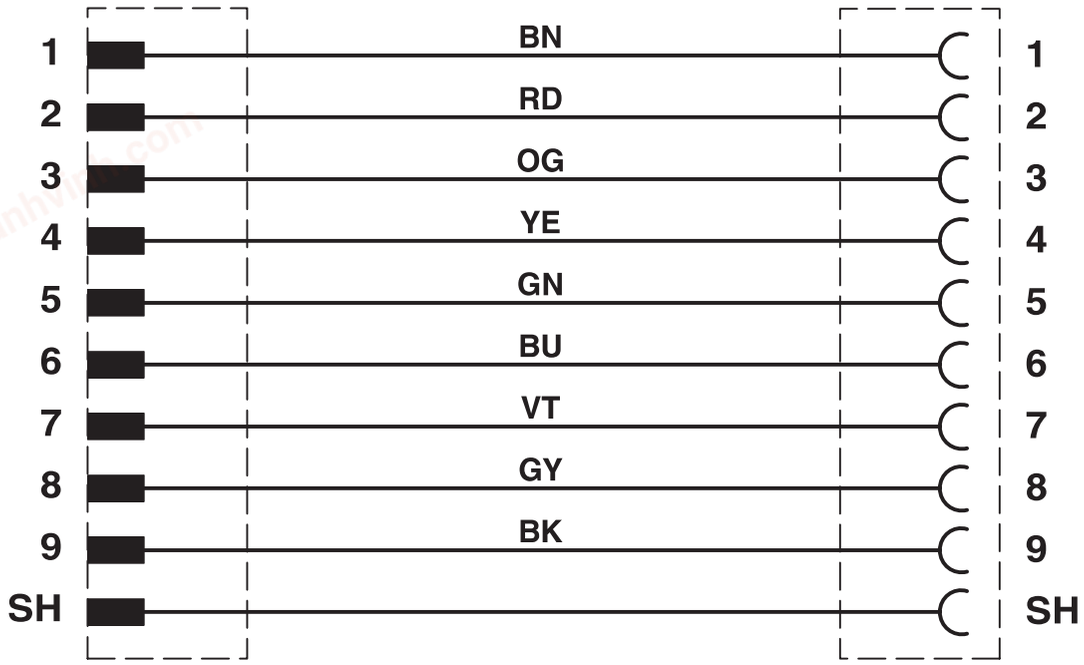
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Circuit diagram



Circuit diagram

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Classifications

ECLASS

ECLASS-12.0	27060390
ECLASS-11.0	27060390
ECLASS-13.0	27060307

ETIM

ETIM 9.0	EC001855

UNSPSC

UNSPSC 21.0	26121600

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

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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