

VS-25-DSUB-20-LI-1,0 - D-SUB cable

1656291

<https://www.phoenixcontact.com/us/products/1656291>



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 D-SUB cable shielded, 25-pos., stranded (7-wire), cable color RAL 7000 (gray), IP20 degree of protection, head 1 with socket shell 3 and straight cable outlet, head 2 with pin shell 3 and straight cable outlet, length: 1 m

Commercial data

Item number	1656291
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCAS
GTIN	4046356029773
Weight per piece (including packing)	167.81 g
Weight per piece (excluding packing)	167.01 g
Customs tariff number	85444290
Country of origin	CN

VS-25-DSUB-20-LI-1,0 - D-SUB cable



1656291

<https://www.phoenixcontact.com/us/products/1656291>

Technical data

Product properties

Product type	Data cable preassembled
Type	D-SUB
Sensor type	Universal
Number of positions	25
Shielded	yes
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 25
Degree of protection	IP20

Connection 2

Type	Plug straight D-SUB 25
Degree of protection	IP20

VS-25-DSUB-20-LI-1,0 - D-SUB cable

1656291

<https://www.phoenixcontact.com/us/products/1656291>



Cable/line

Outer sheath, material	PVC
Cable cross section	0.08 mm²
Conductor structure signal line	7.00 mm
AWG signal line	28

Environmental and real-life conditions

Ambient conditions

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

VS-25-DSUB-20-LI-1,0 - D-SUB cable

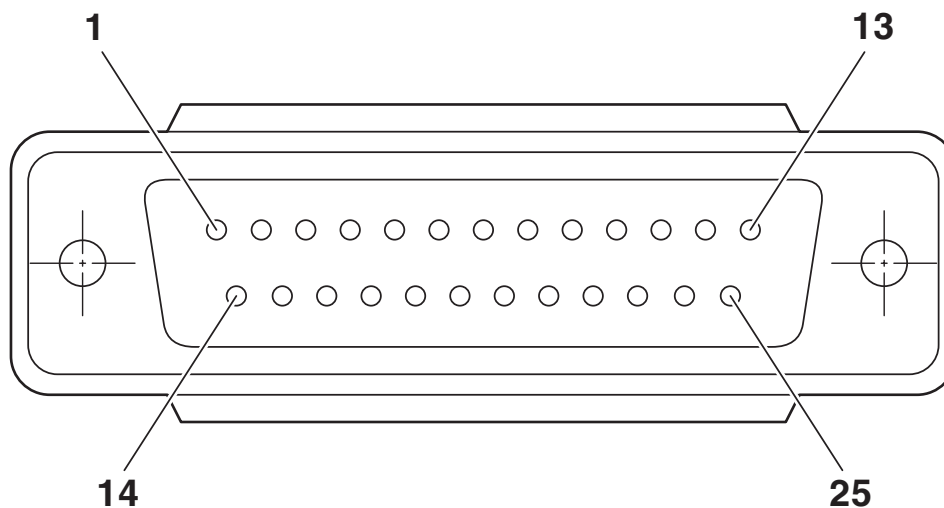
1656291

<https://www.phoenixcontact.com/us/products/1656291>



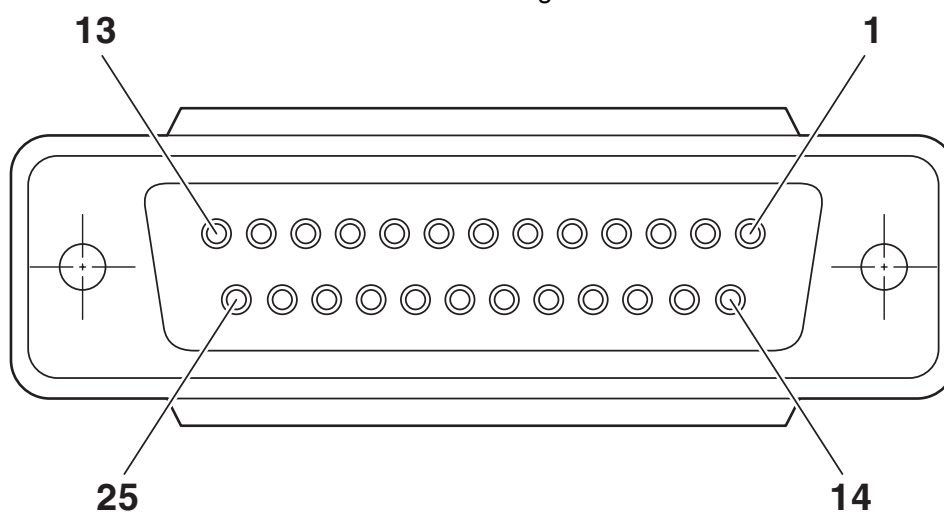
Drawings

Schematic diagram



Connector pin assignment

Schematic diagram



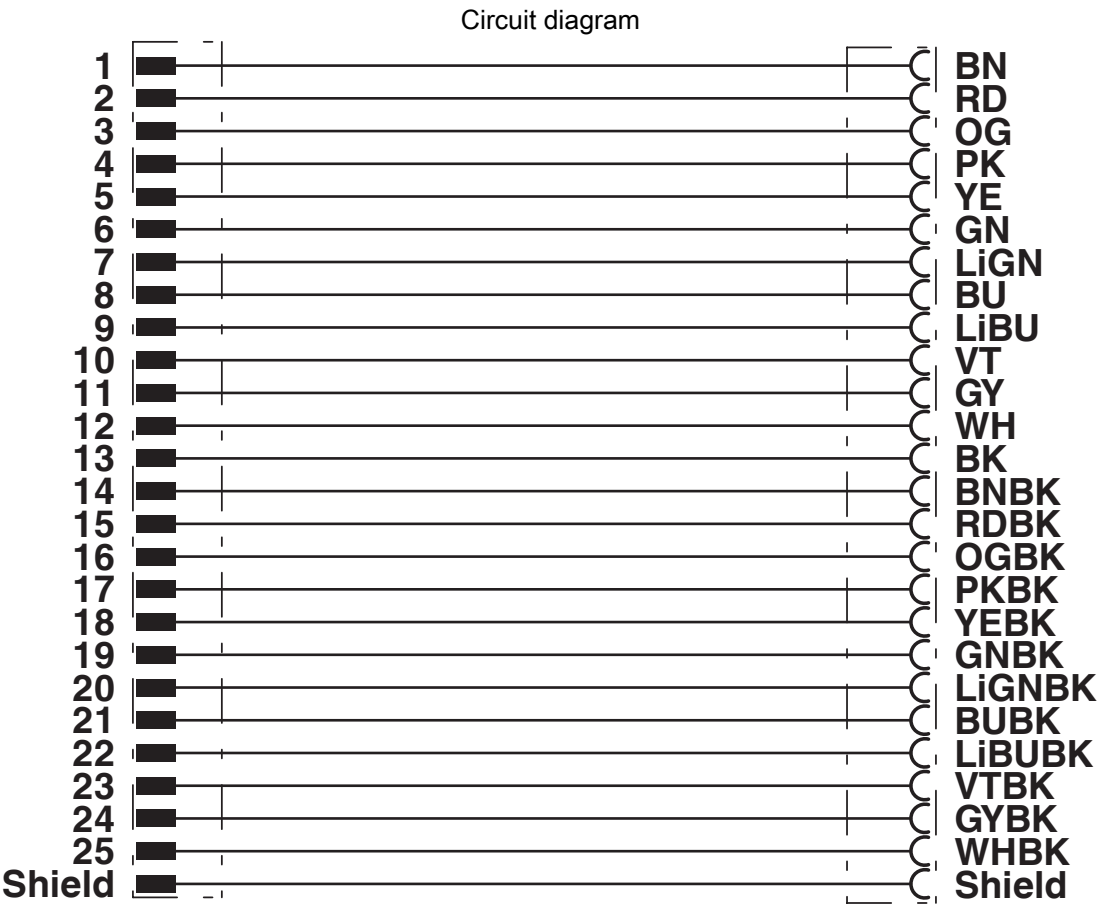
Pin connector pattern

VS-25-DSUB-20-LI-1,0 - D-SUB cable



1656291

<https://www.phoenixcontact.com/us/products/1656291>



Circuit diagram

VS-25-DSUB-20-LI-1,0 - D-SUB cable

1656291

<https://www.phoenixcontact.com/us/products/1656291>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1656291>



EAC

Approval ID: 19060508

VS-25-DSUB-20-LI-1,0 - D-SUB cable



1656291

<https://www.phoenixcontact.com/us/products/1656291>

Classifications

ECLASS

ECLASS-13.0	27060307
ECLASS-15.0	27440322

ETIM

ETIM 9.0	EC001855
----------	----------

UNSPSC

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

VS-25-DSUB-20-LI-1,0 - D-SUB cable



1656291
<https://www.phoenixcontact.com/us/products/1656291>

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%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com