VS-09-IBS-ST - D-SUB connector

1689271

https://www.phoenixcontact.com/us/products/1689271

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D-SUB connector, D-SUB, INTERBUS, 9-position, connection method: Screw connection, material: Plastic, connection cross section: AWG 26- 20, degree of protection: IP20, housing size: 1, color: gray

Commercial data

Item number	1689271
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCBA
GTIN	4017918892746
Weight per piece (including packing)	91.9 g
Weight per piece (excluding packing)	71.512 g
Customs tariff number	85369010
Country of origin	DE

Technical data

Product properties

Product type	Data connector (cable side)
Application	INTERBUS
Type	D-SUB
Number of positions	9
Connection profile	D-SUB
No. of cable outlets	2
Shielded	yes
Cable outlet	slanted

Insulation characteristics

Overvoltage category	II
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	63 V
Rated surge voltage	0.5 kV
Rated current	1 A
Transmission medium	Copper

Connection data

Connection technology

Connection method	Screw connection
Connection cross section AWG	26 ... 20
Conductor cross-section	0.14 mm² ... 0.5 mm²

Interfaces

Signal type/category	INTERBUS

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Housing material	Plastic
Cable seal material	CR/NBR
Contact material	Copper alloy
Contact surface material	Gold over nickel
Contact carrier material	PBTP

Cable/line

External cable diameter	5 mm ... 9 mm
Cable cross section	0.14 mm²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200

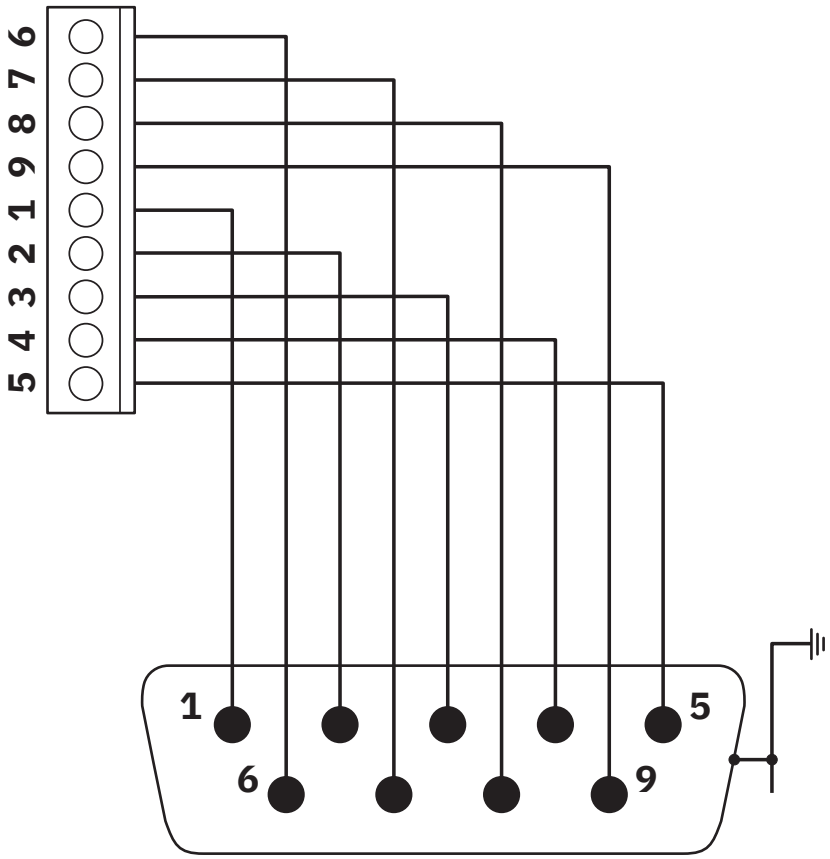
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 70 °C

Drawings

Circuit diagram



Circuit diagram

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440322

ETIM

ETIM 10.0	EC001132

UNSPSC

UNSPSC 21.0	39121400

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	21b6f9f9-90ed-43d5-b66c-9d9d80bd8d83

EF3.1 Climate Change

CO2e kg	1.895 kg CO2e

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