

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

1689271

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



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

Commercial data

Item number	1689271
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCBA
Catalog page	Page 444 (C-2-2019)
GTIN	4017918892746
Weight per piece (including packing)	91.9 g
Weight per piece (excluding packing)	91.9 g
Customs tariff number	85369010
Country of origin	DE

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Technical data

Product properties

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

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 mm ² ... 0.5 mm ²

Material specifications

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

Cable/line

External cable diameter ()	5 mm ... 9 mm
Cable cross section	0.14 mm ²

Mechanical properties

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Mechanical data

Insertion/withdrawal cycles	≥ 200
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Environmental and real-life conditions

Ambient conditions

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

Mounting

Connection method	Screw connection
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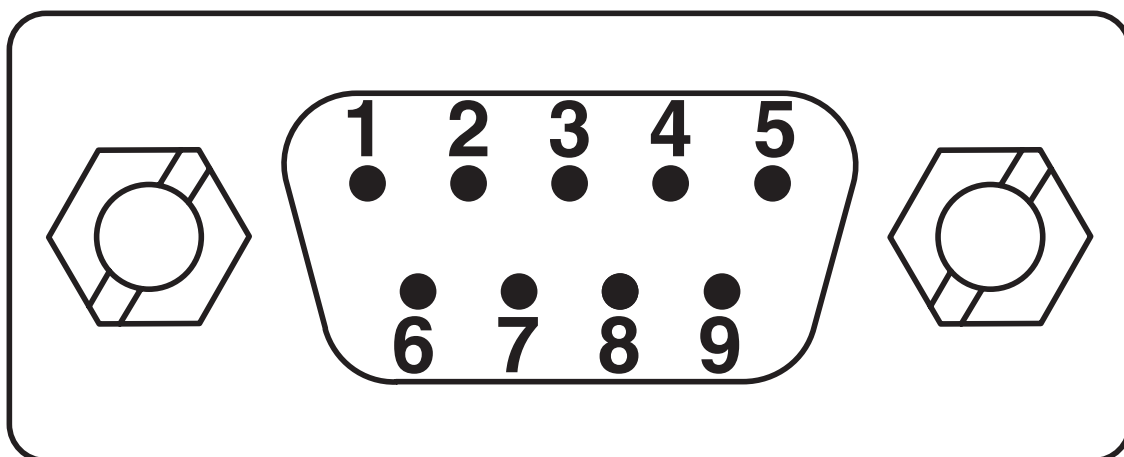
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Drawings

Schematic diagram



9-pos. D-SUB male plug

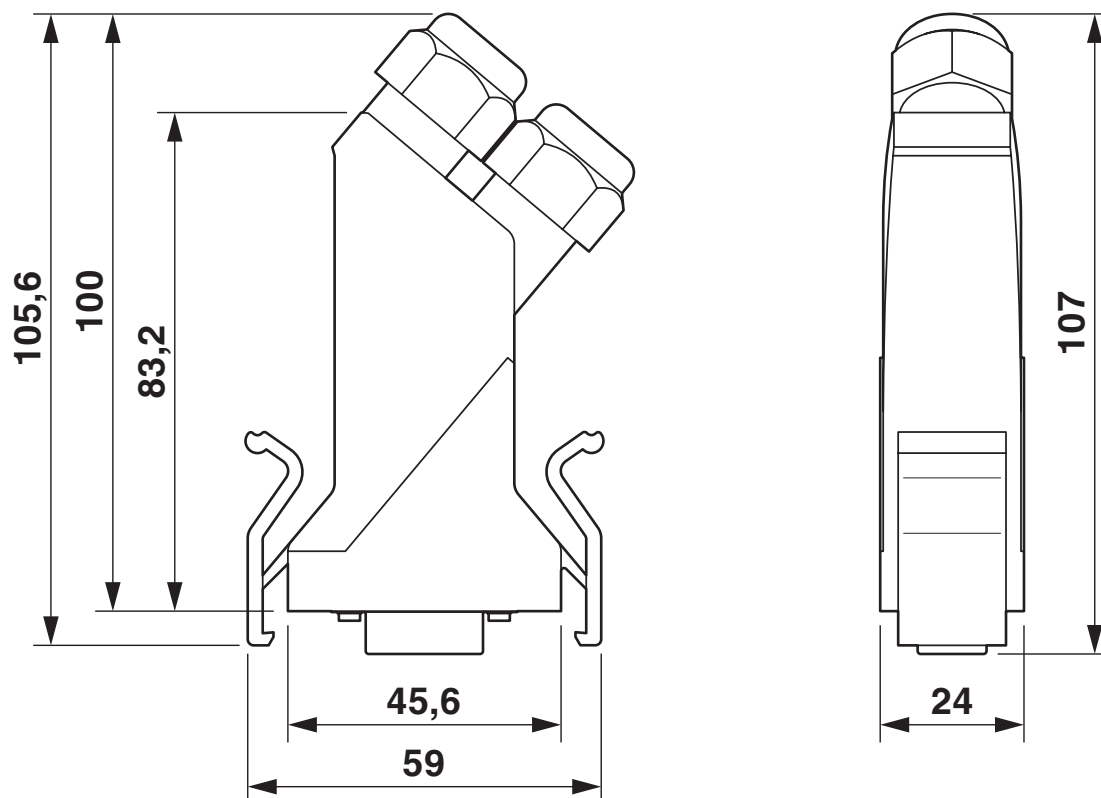
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Dimensional drawing



D-SUB connector

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Classifications

ECLASS

ECLASS-11.0	27440302
ECLASS-13.0	27440302
ECLASS-12.0	27440302

ETIM

ETIM 9.0	EC001132
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UNSPSC

UNSPSC 21.0	39121400
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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"

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