VS-09-PROFIBUS-SC - D-SUB connector

1654549

https://www.phoenixcontact.com/us/products/1654549

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.



D-SUB connector, D-SUB, PROFIBUS, 9-position, connection method: Screw connection, material: Plastic, connection cross section: AWG 26- 16, degree of protection: IP67, with integrated termination resistor, housing size: 1, color: gray

Your advantages

- EMC protection
- Switchable termination resistor
- Coding sections (CR) as protection against mismatching

Commercial data

Item number	1654549
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCBA
GTIN	4017918955083
Weight per piece (including packing)	93 g
Weight per piece (excluding packing)	93 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Safety note

Safety note	• WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible.

Product properties

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

Insulation characteristics

Overvoltage category	II
Degree of pollution	2

Electrical properties

Rated voltage (III/3)	50 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 ... 16 (solid)
	26 ... 18 (flexible)
Conductor cross-section	0.14 mm² ... 1.5 mm² (solid)
	0.14 mm² ... 1 mm² (flexible)

Interfaces

Signal type/category	PROFIBUS

Dimensions

Width	24 mm
Height	59 mm
Length	107 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Housing material	Plastic
Housing surface material	PA, light gray
Cable seal material	CR/NBR

Cable/line

External cable diameter	5 mm ... 9 mm
Cable cross section	0.2 mm²

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 200

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
	IP67
Ambient temperature (operation)	-20 °C ... 75 °C

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	8acc620f-7915-4086-a0a4-b948cd93d2b0

EF3.1 Climate Change

CO2e kg	2.016 kg CO2e

Phoenix Contact 2026 © - 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