VS-09-SET-STD - D-SUB connector set

1689145

https://www.phoenixcontact.com/us/products/1689145

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D-Sub



D-SUB connector set, shell size 1, IP67 degree of protection

Commercial data

Item number	1689145
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB19
Product key	ABNCBA
GTIN	4017918878009
Weight per piece (including packing)	56.7 g
Weight per piece (excluding packing)	53.4 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Safety note

Safety note	WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property.
	• 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.
	• WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product.
	• The products are suitable for applications in plant, controller, and electrical device engineering.
	• When operating the connectors in outdoor applications, they must be separately protected against environmental influences.
	• Assembled products may not be manipulated or improperly opened.
	• Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products).
	• When using the product in direct connection with third-party manufacturers, the user is responsible.
	• For operating voltages > 50 V AC, conductive connector housings must be grounded
	• Only use tools recommended by Phoenix Contact
	• The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product.
	• Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products
	• Operate the connector only when it is fully plugged in and interlocked.
	• Operate the connector only when it is fully plugged in.
	• Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the standards.
	• Observe the minimum bending radius of the cable. Lay the cable without twisting it.
	• VDE 0100/1.97 § 411.1.3.2 and DIN EN 60 204/11.98 § 14.1.3 are applicable when combining several circuits in a cable and/or connector

Product properties

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

Insulation characteristics

Degree of pollution	2

Electrical properties

Transmission medium	Copper

Connection data

Connection technology

Connection method	D-SUB

Interfaces

Signal type/category	Universal

Material specifications

Color	gray
Flammability rating according to UL 94	V0
Material grommet GRP	Flat gasket: NBR; profile gasket: EPDM
Housing material	Plastic
Cable seal material	CR/NBR

Cable/line

External cable diameter	3 mm ... 9 mm

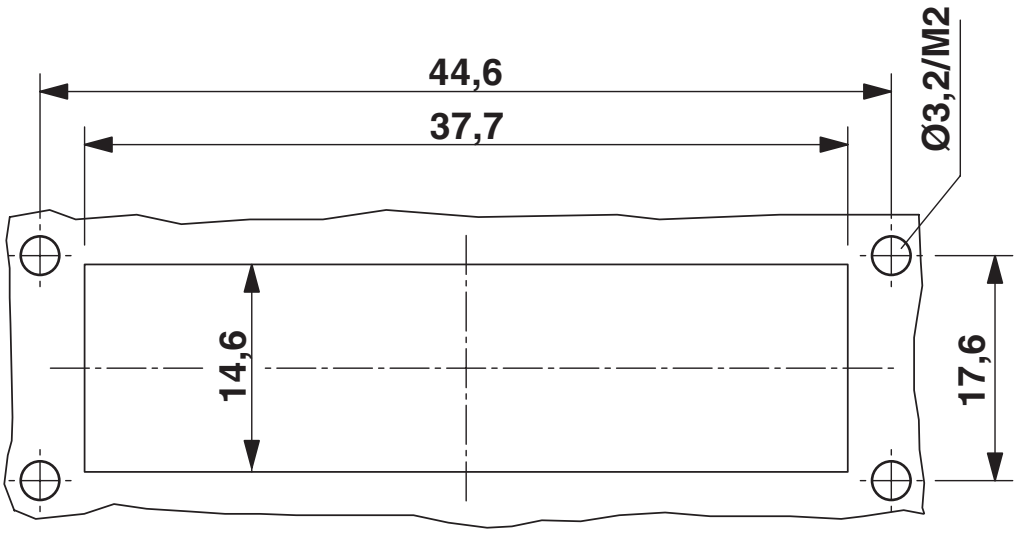
Environmental and real-life conditions

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 80 °C

Drawings

Dimensional drawing



Mounting cutout

Classifications

ECLASS

ECLASS-13.0	27440290
ECLASS-15.0	27440324

ETIM

ETIM 10.0	EC001132

UNSPSC

UNSPSC 21.0	39121400

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.)	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol(CAS: 119-47-1)
SCIP	109b9fd6-de8e-498f-9152-c6d6b4449469

EF3.1 Climate Change

CO2e kg	0.418 kg CO2e

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