

2761499

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D-SUB plug, 9-pos. female connector, one 35° cable entry, universal type for all systems, pin assignment: 1, 2, 3, 4, 5, 6, 7, 8, 9 to screw connection terminal block

Product description

The 9-pos. version of the SUBCON-... connector range is not just suitable for INTERBUS, but is positively ideal. A whole host of further applications are opened up by having all the connections assigned to their own 1 mm² screw terminal block. The range covers SUBCON plugs for point-to-point connections with a cable infeed in 9, 15 and 25-pos. male or female versions. The optional fastening screw SUBCON-SHORT-SCREW is available as an accessory for narrow installation conditions. The screw is completely integrated into the housing by not having a knurl.

Your advantages

- Easy assembly thanks to knurled screws
- · Can be used universally
- · High level of EMC
- · Flexibility in terms of cable entry selection
- · Assembly under field conditions
- · Change to the D-SUB orientation through a reversible connection block

Commercial data

Item number	2761499
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN10
Product key	DNC511
Catalog page	Page 451 (C-6-2019)
GTIN	4017918064730
Weight per piece (including packing)	50.2 g
Weight per piece (excluding packing)	49.1 g
Customs tariff number	85366990
Country of origin	DE



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Technical data

Notes

Utilization	restriction

CCCex note Use	e in potentially explosive areas is not permitted in China.
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Product properties

Product type	Data plug
MTTF	6706 Years (SN 29500 standard, temperature 25°C, operating cycle 21%)
	1817 Years (SN 29500 standard, temperature 40°C, operating cycle 34.25%)
	155 Years (SN 29500 standard, temperature 40°C, operating cycle 100%)
Pin assignment	All connections are 1:1 on the screw terminal block

Electrical properties

Nominal voltage U _N	50 V DC
Nominal current I _N	100 mA
Transmission medium	Copper

Connection data

D-SUB connection

Connection method

Single-wire/terminal point, rigid AWG max.

Min. AWG conductor cross section, flexible

Max. AWG conductor cross section, flexible

PCB connection	
Connection method	Screw connection
Stripping length	5 mm
Conductor cross section, rigid min.	0.14 mm²
Conductor cross section, rigid max.	1.5 mm ²
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	1 mm²
Single-wire/terminal point, rigid AWG min.	26

16

26

18

D-SUB socket

Interfaces

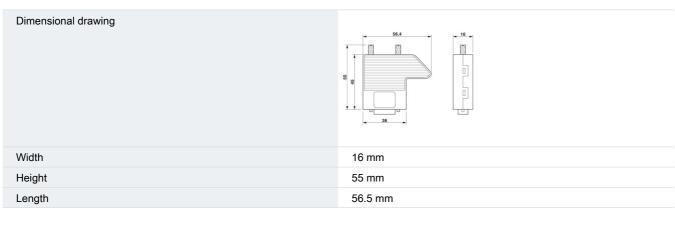
Signal	RS-232
	RS-422
	RS-485

Dimensions



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Material specifications

Material Housing	ABS, metal-plated
material riodening	, 120, motal platou

Cable/line

External cable diameter ()	4 mm 10 mm (Incoming bus line)

Mechanical properties

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 75 °C
Ambient temperature (storage/transport)	-25 °C 80 °C
Altitude	≤ 5000 m (For restrictions, see the manufacturer's declaration for altitude operation)
Permissible humidity (operation)	10 % 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % 95 % (non-condensing)

Approvals

ATEX

Identification	
Certificate	PxCIF15ATEX2761499X
Note	Please follow the special installation instructions in the documentation!
JKEX	
Identification	
Certificate	PxCIMA22UKEX2761499X
Parrasiva san taat	
Corrosive gas test	
Identification	ISA-S71.04-1985 G3 Harsh Group A



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Standards and regulations

Free from substances that could impair the application of coating

in accordance with VW-AUDI-Seat central standard P-VW 3.10.7 57 65 0



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Classifications

UNSPSC 21.0

ECLASS

ECLASS-11.0	27440302
ECLASS-13.0	27440302
ECLASS-12.0	27440302
ETIM	
ETIM 8.0	EC001132
UNSPSC	

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Environmental product compliance

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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