

2744403
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D-SUB connector, 9-pos., male connector, 35° cable entry, bus system: PROFIBUS DP up to 12 Mbps with Pg D-SUB socket for connecting a programming device, termination resistor can be switched on via slide switch, pin assignment: 3, 5, 6, 8; spring-cage connection terminal blocks

Commercial data

Item number	2744403
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN10
Product key	DNC531
Catalog page	Page 405 (IF-2002)
GTIN	4017918819453
Weight per piece (including packing)	61.6 g
Weight per piece (excluding packing)	43.2 g
Customs tariff number	85366990
Country of origin	DE

SUBCON-PLUS-PROFIB/PG - D-SUB bus connector



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Technical data

Notes

Utilization restriction

CCCex note	Use 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	3, 5, 6, 8

Electrical properties

Maximum power dissipation for nominal condition	0.025 W
Nominal voltage U_N	5 V
Nominal current I_N	100 mA
Transmission medium	Copper

Connection data

D-SUB connection

Connection method	D-SUB connector
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PCB connection

Connection method	Spring-cage connection
Stripping length	9 mm
Conductor cross section, rigid min.	0.12 mm ²
Conductor cross section, rigid max.	0.5 mm ²
Single-wire/terminal point, rigid AWG min.	26
Single-wire/terminal point, rigid AWG max.	20

Programming connection

Connection method	D-SUB socket
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Interfaces

Bus system	PROFIBUS DP
Signal	PROFIBUS

Dimensions

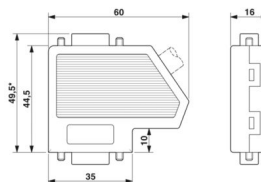
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Dimensional drawing



Width	16 mm
Height	49.5 mm
Length	60 mm

Material specifications

Material Housing	ABS, metal-plated
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Cable/line

External cable diameter ()	7.6 mm ... 8.4 mm (Incoming bus line)
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Mechanical properties

Mechanical data

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

Ambient conditions

Degree of protection	IP40
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

EAC

Identification	EAC
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ATEX

Identification	II 3 G Ex ec IIC T4 Gc
Certificate	PxCIF15ATEX2744348X
Note	Please follow the special installation instructions in the documentation!

UKEX

Identification	II 3 G Ex ec IIC T4 Gc
Certificate	PxCIMA22UKEX2744348X

Corrosive gas test

Identification	ISA-S71.04-1985 G3 Harsh Group A
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

ECLASS

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

ETIM

ETIM 8.0	EC001132
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UNSPSC

UNSPSC 21.0	39121400
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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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com