INDULINK® DATACON D-Sub Profibus FC Fast Connect Technology

for Profibus application
D-Sub CAN-Bus Connector, fast connect technology

an INFINITE brand

APPLICATION

as field assembly D-Sub connector, 9-pin, with fast connection technology for Profibus systems.

SPECIAL FEATURES

- Visual connection check
- Integrated switchable terminating resistor for use as feed-through or terminating connection
- Metallized housing for improved EMC compatibility
- Versions without and with additional D-Sub interface (PG) for programming and diagnostics
- available with 90° and 180° (axial) cable outlet

REMARKS

- Quick and easy installation with Schell connection technology
- compact, small design
- no parts that can be lost
- for Profibus cables up to 8 mm diameter
- for transmission rates up to 12 Mbit/s
- UL Recognized
- max. ambient temperature UL +60°C

PRODUCT DETAILS

DESIGN

Connector design	D-Sub
Number of contacts	9
Connector housing material	Plastic, metalized
Termination method	IDC (Insulation Displacement Contact)
for cable versions	PROFIBUS
Cable outer-Ø max. [mm]	8,0
Conductor cross section max. (mm²)	1,0 mm²
Connectable cores	4

ELECTRICAL PROPERTIES

Supply voltage max.	5,25 V
Power consumption max. [mA]	12,5

INTERFACE PROPERTIES

Interface type	PROFIBUS

MECHANICAL & DYNAMIC PROPERTIES

IP protection rating	IP20

THERMAL PROPERTIES

Temperature range min/max [°C]	-25 °C / +85 °C (UL: +65 °C)
Transport & storage temp. min./max. [°C]	-25 °C / +85 °C

STANDARDS & APPROVALS

Approvals	UL Recognized (UL61010-1 & UL61010-2-201)

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ITEM OVERVIEW

INDULINK® DATACON D-Sub Profibus FC

Item no. [TKD]	Type	Height [mm]	Length [mm]	Width [mm]	Weight [kg/1.000]	PU [pcs]
6502825	D-Sub Profibus FC 90°	72,0	40,0	17,0	40,0	1
6502826	D-Sub Profibus FC 90° PG	72,0	40,0	17,0	40,0	1
6502827	D-Sub Profibus FC AXIAL 180°	70,0	35,0	17,0	40,0	1