EPIC® DATA PB Sub-D FC

PROFIBUS Connectors Fast Connect

PROFIBUS Sub-D connector, Fast Connect, integrated bus termination, optional LED diagnostic/interfaces, cable outlet 35°/90°/180°

Info

New innovative insulation displacement terminals suitable for solid and flexible conductors (90° and 180° versions)
Versions with 2nd Sub-D interface
Optional with LED diagnostic

Supplementary automation components from Lapp

Assembly time

Low weight

Space requirement

Benefits

Quick installation with Fast Connect ('FC') technology
sensor/ ac
No loose parts
Visual bus connection control
Terminating resistor (integrated) can be switched

Product features

Fully compatible with market standard
Max. transmission rate 12 Mbit/s possible
Current consumption max. 12,5 mA
(with LED 35 mA)
Supply voltage 4.75 - 5.25 V DC

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(supplied from the terminal)
Terminating resistor "ON" - the outbound bus cable is disconnected

Norm references / Approvals

IEC 61158, IEC 61784
UL File No. E331560

Product Make-up

D-Sub plug, 9-pin, fixing screws 4-40 UNC
Improved electromagnetic compatibility (EMC) by metallized housing
Max. cable outer diameter: 8 mm
Versions with additional Sub-D interface for programming/diagnostic ('PG')
LED Version indicate:
bus operation - (green)
station transmission - (blue)
terminating resistor "on" - (orange)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC001132 ETIM 5.0 Class-Description: D-Sub connector
Classification ETIM 6:	ETIM 6.0 Class-ID: EC001132 ETIM 6.0 Class-Description: D-Sub connector
Dimensions:	95 mm x 70 mm x 17 mm - 35° 72 mm x 40 mm x 17 mm - 90° 70 mm x 35 mm x 17 mm - 180° (LxWxH)
Connection type:	Fast Connect
Protection rating:	IP 20
Terminating resistor:	150 Ω
Interfaces:	Sub-D socket, 9-pin PROFIBUS FC standard cable, Ø 0.64 mm
Permissble ambient conditions:	Operating temperature: -25°C to +85°C *The max. temperature for UL is 60 °C

Note

Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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PRODUCT INFORMATION

Article number	Article designation	PG-Interface	Diagnostic LEDs
90° cable outlet for solid/ 7-/ 19-wire stranded conductor			
21700502	ED-PB-90-FC	no	no
21700501	ED-PB-90-PG-FC	yes	no
21700547	ED-PB-90-LED-FC	no	yes
21700546	ED-PB-90-PG-LED-FC	yes	yes
180° (AX) cable outlet for solid/ 7-/ 19-wire stranded conductor			
21700544	ED-PB-AX-FC	no	no

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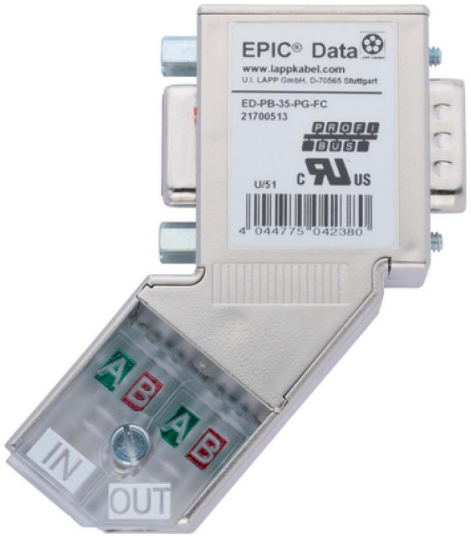

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