

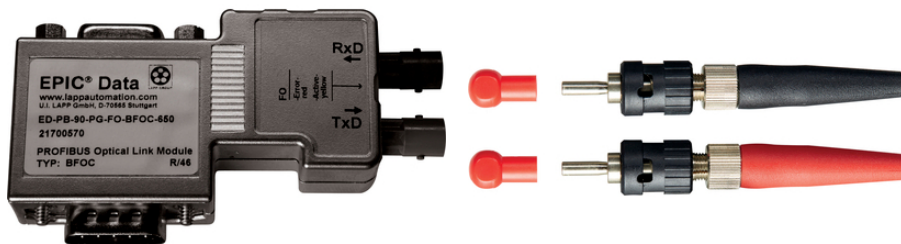
EPIC® DATA PB Sub-D FO

PROFIBUS Connectors Optical Link Modul

Data Connector D-Sub (9-pin.) for PROFIBUS DP according to IEC 61158, IEC 61784, with optical interface and repeater functionality and optical fiber interface (POF and PCF)

Info

PROFIBUS repeater with integrated optical interface



Supplementary automation components from Lapp



Assembly time



Low weight



Space requirement

Benefits

Easy covering of large distances (PCF 250 m / POF 65 m)

Cost-efficient due to quick installation (Plug & Play)

Galvanic isolation in case of potential differences within PROFIBUS network

For EMC critical environments

Integrated repeater functionality: Regeneration of data signal (slope, power and mark-to-space ratio)

Product features

max. distance:

POF fiber: 65 m

PCF fiber: 250 m

Diagnostic LEDs (blue, green, red, yellow)

Bus termination is integrated

Current consumption typ. 100 mA

Last Update (01.09.2020)

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You can find the current technical data in the corresponding data sheet.

PN 0456 / 02_03.16

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Supply voltage 5.0 V DC
(supplied from the terminal)

Norm references / Approvals

IEC 61158, IEC 61784

Product Make-up

D-Sub plug, 9-pin, fixing screws 4-40 UNC
Improved electromagnetic compatibility (EMC) by metallized housing
Versions with additional Sub-D interface for programming/diagnostic ('PG')
An external 24 V supply is not necessary
Connection for optical cable (POF or PCF)

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:	64 mm x 40 mm x 17 mm (LxWxH)
Protection rating:	IP 20
Interfaces:	Sub-D socket, 9-pin Fibre optic cable: POF / PCF, 650 nm
Permissible ambient conditions:	Operating temperature: 0 °C to +60 °C

Note

Applicable optical connectors (POF) included
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.
Note: For one optical link 2 modules are required

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Article number	Article designation	PG-Interface	Diagnostic LEDs
21700568	ED-PB-90-PG-FO-HFBR-650	yes	yes
For SMA connector			
21700569	ED-PB-90-PG-FO-SMA-650	yes	yes
For BFOC(ST) connector			
21700570	ED-PB-90-PG-FO-BFOC-650	yes	yes

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