

EPIC® DATA PB Sub-D PRO

PROFIBUS Connectors full-metall M12 connection /spring type connection

Robust Data Connectors D-Sub (9-pin.) for PROFIBUS DP, full metal housing, 360° shielding, EMC optimized version with M12

Info

For high mechanical stress

High EMC protection



Supplementary automation components from Lapp



Mechanical resistance



Optimum strain relief



Interference signals

Benefits

Optimum EMC protection

Robust housing material for harsh environments

No loose parts

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

Terminating resistor (integrated) can be switched

Product features

Extended temperature range

High mechanical strength

(200 contact durability)

less transmission loss

Max. transmission rate 12 Mbit/s possible

Supply voltage 4.75 - 5.25 V DC

(supplied from the terminal)

Last Update (23.04.2024)

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Product Management www.lappkabel.de

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

PN 0456 / 02_03.16

EPIC® DATA PB Sub-D PRO

Norm references / Approvals

IEC 61158, IEC 61784

Product Make-up

D-Sub plug, 9-pin, fixing screws 4-40 UNC

360° shielding due full-metall housing (ZnAl)

With additional Sub-D port for programming/diagnostic 'PG'
(35° and 90° version)

With EMC connector protection (PG port)

M12 version: 5-pin connector, M12 B-coded

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:

see technical data sheet

Connection type:

M12 or

Internal spring type terminal

Protection rating:

IP 30

Terminating resistor:

150 Ω

Interfaces:

Sub-D socket, 9-pin

Spring terminal for solid conductors / M12 B-coded

0,08 - 0,5 mm² (AWG28 - AWG14)

Cable diameter: 8 - 9 mm

Permissible ambient conditions:

Operating temperature: -20°C to +70°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.

EPIC® DATA PB Sub-D PRO

Article number	Article designation	Connection type	PG-Interface
21700563	ED-PB-AX-M12-PRO	M12	no
21700561	ED-PB-35-PG-M12-PRO	M12	yes
21700562	ED-PB-90-PG-M12-PRO	M12	yes
180° (AX) cable outlet			
21700566	ED-PB-AX-M12-PRO	Internal spring type	no
35° cable outlet			
21700564	ED-PB-35-PG-ST-PRO	Internal spring type	yes
90° cable outlet			
21700565	ED-PB-90-PG-ST-PRO	Internal spring type	yes