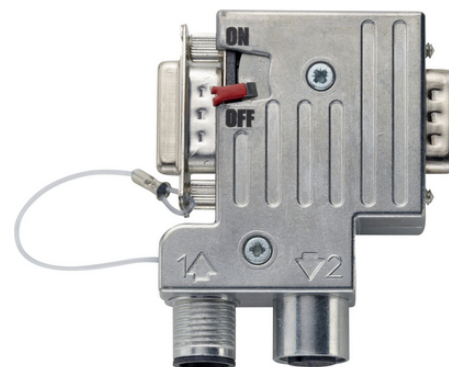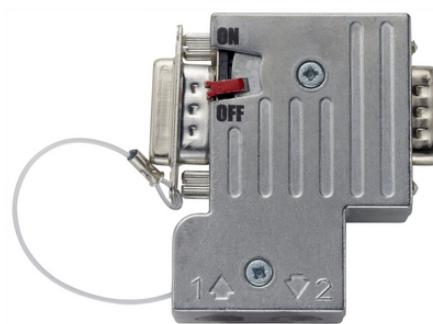# EPIC® DATA PB Sub-D PRO

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 mechnical 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)

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
Permissble 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.

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