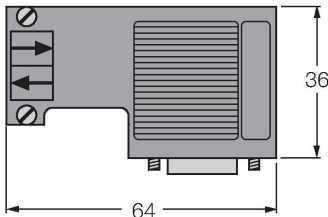


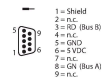
6ES7972-0BA12-0XA0
Sub-D Connector
Male Connector, Angled



Features

- For use in PROFIBUS-DP applications
- Up to 12 Mbps
- Activatable terminating resistor
- 90° cable outlet
- Shieldable
- Plastic Housing
- Screw-clamp terminal
- 9-pin
- Cable diameter 6.0...8.0 mm
- UL approval
- For Ex area, zone 2

Contact assignment



Technical data

Type	6ES7972-0BA12-0XA0
ID	6890934
Connector A	Male, D-Sub, Angled
Number of Pins	9
Contacts	Metal, CuZn, Gold-plated
Contact carriers	White
Connector body	Plastic, Gray
External diameter of the cable	6...8 mm
Connection mode	Screw/clamp connection
Pollution degree	1
Protection class	IP20
Network protocol	PROFIBUS-DP
Shielding	yes
Electrical properties at +20 °C	
Rated voltage	24 V
Current	2 A
Insulation resistance	≥ 10 ⁸ Ω
Mechanical and chemical properties	
Ambient temperature range (stationary)	-25...+60 °C
Approvals	UL CE