ED-CAN-90

Article No.: 21700537

Data connector; CAN; Sub-D Socket; Angled (90 °); Switchable bus terminator



Details

Benefits

- The small design size make it suitable for use in limited spaces.
- Service-friendly screw connection enables assembly without special tools.
- Thanks to the integrated terminating resistors that can be switched via a slide controller, the connector can be used as a transition or terminating connector.
- Improved protection against electromagnetic interference due to metallised housing.
- Also available as a "PG" variant with a second D-sub interface for programming and diagnosis.
- With separate connection for the power supply of additional network components (24 V) (only applies to angled articles (with "90" in the article name)).

Application

- For fieldbus communication in CAN- and CANopen-based networks.
- For connecting CAN/CANopen-compliant cables (outer cable diameter 5-8 mm).

Notes

Unless specified otherwise, the product values shown are rated values at room temperature. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

© (2026) Lapp Group - all rights reserved.

Photographs and graphics are not to scale and do not represent detailed images of the respective products.

If applicable, the prices are solid metal prices without surcharges and VAT. Sales only to business customers.

DeviceNet is a registered trademark of the user organisation ODVA.

Remarks

Technical Data

General information

Brand	EPIC®
Product type	Data connector
Weight	0.04 kg
Delivery Unit	1
valid fieldbus or Ethernet system	CAN
Industry segment	Assembly Machines
customs code	85369010

Electrical parameters

Impedance	120 Ω

Product design

Shielded	No
Total length	65 mm
Overall width	48 mm
Overall height	16 mm
Thread type	without
Connector housing design	Angled
Coded	No
With thread	No
Connector format	Sub-D
Connector type	Socket
Connector housing angle	90 °

© (2026) Lapp Group - all rights reserved.

EMC shielding	Yes
For min. cable outer diameter	5 mm
For max. cable outer diameter	8 mm
Reusable	Yes
Assembly type	Field configurable
Diagnostic interface	No
Pin assignment	CAN Low = Pin 2 CAN High = Pin 7 CAN Gnd = Pin 3 GND = Pin 6 CAN V+ = Pin 9

Product features

Variant of the Sub-D	Switchable bus terminator
IP protection rating	IP 20
Pollution degree	2
For use in hazardous areas	No
UV-resistant	No
Fast Connect (FC) cable	No

Certifications and standards

CE marking	Yes
EAC-certified	Not required
EAC certification number	Отказное письмо № 39
UL recognized	No
UL listed	No
cUR recognised	No
cUL listed	No
CSA certified	No

© (2026) Lapp Group - all rights reserved.

EPIC® DATA CAN Sub-D

Article No.	Name	Status display
21700536	ED-CAN-90-PG	No
21700537	ED-CAN-90	
21700538	ED-CAN-AX	

© (2026) Lapp Group - all rights reserved.

V1.1

© (2026) Lapp Group - all rights reserved.