EPIC® Data CAN-Bus Connectors (full-metal)

High flexibility by extended cable clamping range; Cost-saving due to quick and easy installation; Robust and failsafe desig in harsh environments; For EMC critical invironments; Simple and proven network connection

- High EMC protection
- For cable diameters up to 10 mm

CANopen DeviceNet. RoHS

Product description

Application range

- Automation technology
- Control engineering
- Mechanical engineering
- Plant engineering
- Tool shop

Benefits

- High flexibility by extended cable clamping range
- Cost-saving due to quick and easy installation
- Robust and failsafe desig in harsh environments.
- For EMC critical invironments
- Simple and proven network connection

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Product Make-up

- D-Sub plug, 9-pin, fixing screws 4-40 UNC
- Full-metal housing (ZnAl)
- PG port (90° design) with undetachable EMC connector protection
- 360° shielding of housing
- External cable clamp connection (7 - 10 mm)

Norm references / Approvals

- D-Sub pin assignment in
  accordance with CiA (CAN in Automation)

Product features

- Extended temperature range
- High mechnical durability (200 contact durability)
- less transmission loss
- Switchable bus termination is integrated
- 90° version with additional programming(PG)/diagnostic interface:
  D-Sub socket, 9-pin

Technical Data

Dimensions	see technical data sheet
Terminating resistor	Integrated resistor combination that is connected by a sliding switch
Connection type	Screwing
Weight	Approx. 100 g
Cable outlet	90° and axial
Interfaces	CAN-Bus station: D-SUB socket, 9-pin CAN-Bus cable: - srew terminals for wires 0.14 - 0.5 mm² D-Sub pin assignment: CAN Low = Pin 2 CAN High = Pin 7 CAN Gnd = Pin 3 CAN V+ = Pin 9 (shield = housing)
Transmission rate	max. 12 MBit/s
Degree of soiling	2
Permissble ambient conditions	Operating temperature: -20°C to +70°C Relative humidity: max. 75 % at +25°C