

BUS CONNECTORS

CAN connectors with UL-approval

Provertha's CAN connectors have received UL-approval. The fieldbus connectors consist of completely shielded zinc die-cast housing for maximum EMI/RFI safety.

With this certification, the complete fieldbus connector portfolio from Provertha (CAN, Profibus, and Profinet) is available with UL-approval. Only products tested by the Underwriters Laboratories (UL) according to current US product safety requirements are allowed to show the UL sign. According to the company, UL-certified products enjoy good reputation by end users and authorities as well as insurance companies.

Besides the shielded zinc die-cast housing, further characteristics of the connectors are their tested quick connector solutions and compact construction method. Sensors and actuators can be connected with the control unit with these fieldbus connectors. The CAN connector program includes a variety of solutions with different cable exits and termination for a range of applications. Function and faultless connections within seconds can be realized with plug-and-play M12 CAN connectors.

The CAN connectors are available in the variants axial (180° to [D-Sub](#) mating direction), compact (90°), and special (35°). A switch lever can be operated externally to activate bus termination. The programming/diagnosis option is provided by a second D-Sub, while locking is handled via a [UNC](#) 4-40 knurled screw.

Additional variants for safe field assembly include bus connectors with internal cable clamp – suitable for rough environments – and devices with external cable clamps, which can handle special cables. Furthermore, vibration-proof and fully shielded bus connections are provided with crimp flange bus connectors.

„UL certification is one more important proof of the high quality of our products aiming to make data and signal transmission in industrial networks extremely reliable,“ said Marco Staib, Product Manager at Provertha (Germany). „We now can offer this important label for our complete fieldbus portfolio.“



*With this approval, the complete portfolio is available with UL-certification
(Photo: Provertha)*

[ae](#)