

# CAN-BUS-KEYBOARDS BY MIUNSKE

**NEW  
DEVELOPMENT!**



## DESCRIPTION

Miunske CAN-Bus-keyboards are especially developed for the usage with commercial vehicle solutions. The allowable operating voltage reaches from 9 to 30 V, which makes the keyboards useable in conventional automobile environments. Data communication works on CAN 2.0 A/B standard (ISO 11898). The CAN-keyboards are available as 4, 6 or 12 element version, where each element can be either switch or indicator.

The keyboards distinguish through a very homogeneous illumination of the symbols. Furthermore multicolour LED's are used to offer a free choice of symbol colours for day and nightlight. An integrated light sensor measures the intensity of the ambient light and intuitively adjusts the luminance of the symbols. The minimal and maximal light luminance is configurable. Also the operating voltage is measured. Optionally the operating voltage and light intensity values can be transferred via CAN-signal.

The intelligent core of the keyboard consists of a micro controller, which optionally can do some extra jobs. Thus calculations for the multiple use of certain switch or blinking functions with configurable on- and off-times can be realised.

The robust keyboard frames have lateral latches to ensure a simple click-in-mounting into a cut-out. The backside of the keyboard can be protected by a screwable covering.

## FEATURES

- 4, 6 or 12 fields per keyboard are available
- fields can be switches or indicators
- CAN 2.0 A/B interface (ISO 11898)
- homogeneous illumination of the symbols
- multicolour LED's
- free configurable day- and nightlight options
- light intensity regulation through light sensor measurement
- Voltage Monitoring, 9 to 30 V operating voltage
- smart and robust design

## APPLICATIONS

- indicators and switches for commercial vehicle and automobile applications
- expansion of existing CAN-systems
- full compatibility to CAN-I/O-Devices by miunske
- equal in measurements with standard switching systems



## DIMENSIONS

