

CANopen AND J1939

Two series' of CAN keypad modules

HMI (human machine interface) provider Griessbach now offers CAN modules with four, six, eight, ten, or twelve pushbuttons as Basic and Pro product series with different feature levels.



Griessbach has launched a Basic and a Pro series of keypad modules for network connection via CANopen and J1939 (Source: Griessbach)

The Basic series features keypad icons lit by white LEDs and two green status LEDs above individual buttons. The pushbuttons on Pro modules feature ring lighting in traffic light colors with optional color change; RGB LEDs enable individual icon lighting in freely selectable colors.

The pro-series modules feature a remote wake-up function and can be activated from power-saving mode to functional state via a CAN request. The integrated error memory logs any instances of malfunctions, explained the company. The pushbutton modules for decentralized control of machine functions are designed for installation and bus connection via CANopen and J1939. All Basic and Pro models can be configured as required for bit-rate, addressing, terminating resistor, and front foil design.

Deutsch plug connectors fed in from below are resin-molded with the entire assembly inside the housing; they secure the connection against mechanical stress caused by shock and vibration, said th company. Full resin-casting prevents ingress of dust, dirt, and moisture according to the IP65 degree of protection. A 32-bit controller increases the units' storage capacity for implementing customized and safety protocols and provides a larger bandwidth for data communication.

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