CAN displays for vehicles

Since 1912, Motometer manufactures instruments and displays for vehicles. Today the brand name belongs to the Iveka Automotive Technologies Schauz group. The company provides the CAN 80 series of single instruments and the multi-function CAN-Display. The CAN 80 system comprises a central instrument and instrument satellites. The central instrument has an installation diameter of 80 mm. It has a classic, analog pointer-type display to represent velocity or engine speed (optionally any other value can be indicated), a multi-function LCD display, and a warning LED. A buzzer is also integrated. For data exchange, it has two CAN ports, as well as six analog inputs plus two switching outputs. To control the satellites, the central instrument is also equipped with a LIN interface. Over this interface, in future also other services, such as SMS, can be controlled. The entire display is microprocessor-controlled. The CAN 80 is configurable by Windows-based software. The two independent CAN interfaces support J1939 as well as CANopen protocols. The maximum transmission rate is 500 kbit/s.

The CAN-Display is a device that evaluates the digital data of an engine management system or other systems with a CAN interface directly. At the same time it enables representation of analog input signals and makes these available to the CAN network as digital values. Up to two video cameras can be directly connected and the images displayed simultaneously or separately with other information on the high-resolution color monitor. The CAN-Display is designed for an operating voltage between 9 V and 32 V and thus offers a wide range of application, from construction equipment or service vehicles of all types in municipal or agricultural sectors to stationary motors or operating machines. Flexible in installation and individually programmable, the CAN-Display offers significantly more options than conventional display systems such as the CAN 80. (hz)