

Press release

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Area: identification systems

Subject: multicode reader

Irrespective of orientation and position the high-performance algorithms of the new multicode reader automatically identify 1D and 2D codes. Additional parameter setting options ensure maximum reading reliability. The sensor features an automatic setting of the exposure. Furthermore the user can manually adapt the sensor characteristics and segmented lighting. So optimum results are achieved even with highly reflective metal surfaces. A laser pointer serves as a setting aid.

In the reader mode the sensor transfers the read code contents to the controller. As an alternative, it has an integrated verifier system. This compares the identified code contents to the contents stored in the sensor and provides a corresponding message via the data cable as well as an additional switching signal. This reduces data transmission. Furthermore, the need for a complex application programming in the controller is eliminated. In addition to a serial RS-232 interface, an Ethernet-TCP/IP interface is also used for data transmission.

The dimensions of the compact sensor are just 60 x 42 x 53 mm. The robust diecast zinc housing has the protection rating IP 67. This allows use under severe operating conditions. The maximum permissible speed of the code to be detected is 7 m/s. In addition to different barcodes the sensor supports the 2D codes Data Matrix Code ECC200, PDF-417 and QR.

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