



Press release wpi 616 / 0818

Area: Position sensors

Safety that attracts! Magnetically-coded sensors.

Essen, August 2018 – The new magnetically coded sensors from ifm are predestined for non-contact monitoring of movable guards, e.g. doors. The devices from the MN2 and MN5 series can be activated from different directions, which ensures easy and flexible installation. Concealed installation behind stainless steel or aluminium allows enhanced tamper prevention. Information according to the CB241 position paper of ZVEI for the classification of safe electronic 24 V interfaces is available.

Maximum safety

The combined sub-system consisting of a magnetic sensor of the MN20xS / MN50xS series and an ifm evaluation unit, e.g. G1501S or the SmartPLC of the AC4x2S series, meets the requirements up to PL e to ISO 13849-1, SILCL 3 to IEC 62061 and SIL 3 to IEC 61508. The linked sub-system was certified by TÜV NORD to simplify the conformity assessment of a safety function according to the machine guideline. The certificate can be downloaded.

Protective cap for reliable installation

The supplied protective caps of the MN2 family can be used once to cover the mounting screw, which allows to discover any defeating attempt.

Easy connection

Various connection versions with cable, M8 connector (4-pin) and M12 connector (4-pin) provide a standardised connection. They allow series connection and easy identification for the types with signal contact.

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Magnetic sensors for
movable guards

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