

Compliance with European Directives

Electromagnetic actuators and sensors

V1300.3804

1. Low Voltage Directive 2006/95/EC and Machinery Directive 2006/42/EC

Electromagnetic actuators and sensors without electronics, manufactured by Magnet-Schultz, are components or elements which are designed for installation into devices or other electrical equipment or which fulfil a direct task only in connection with other components.

They do not come within the scope of the Low Voltage Directive. Nor do they come within the scope of the Machinery Directive as they are referred to as component assemblies which are designed to be incorporated into machines, incomplete machines or safety components.

In order to satisfy the safety regulations these products are manufactured and tested according to DIN VDE 0580 Electromagnetic Devices and Components - General Specifications.

Safety and risk evaluation is carried out by the user who has full details of the intended or reasonably predictable use.

As electromagnetic actuators and sensors without electronics do not come within the scope of the above directives they must not be equipped with the CE mark.

On request a declaration of conformity according to DIN ISO/IEC 17050-1 can be issued by Magnet Schultz.

For explosion-proof devices according to directive 94/9/EC (ATEX 95) see note section 3.

2. Electromagnetic Compatibility Directive 2004/108/EC

Electromagnetic actuators and sensors without electronics do not fall into the scope of the EMC-Directive. They are devices which do not emit electromagnetic disturbances and their operation is not disturbed by electromagnetic disturbances. The user has to ensure compliance with the EMC directive by appropriate wiring. Examples for protection circuits can be seen in technical documents issued by Magnet Schultz.

3. Explosion-proof Devices according to Directive 94/9/EC (ATE X 95)

Devices with explosion protection comply with Directive 94/9/EC (ATEX 95) and according to the provisions of above mentioned directive they are marked with the CE mark. CE declaration of conformity according to EN ISO/IEC 17050-1 and operating manual accompany each shipment from Magnet-Schultz. The device type and production date is shown on the rating plate. Copy documents can be provided if requested.