

Certificate



Product Safety
SIL/PL
Capability

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ID 060000000

No.: 968/EZ 590.02/17

Product tested	Non-Contact RFID Coded Safety Interlock Switches	Certificate holder	IDEM Safety Switches Ltd. 2 Ormside Close Hindley Industrial Estate Hindley Green, Wigan WN2 4HR United Kingdom
Type designation	KPF-M, KPF-U, LMF-M, LMF-U, LPF-U, LPF-M, KPF-M, KPF-U, SPF-U, SPF-M, WPF-M, WPF-U, MGL-1P-U, MGL-2P-U, MGL-3P-U MGL-1P-M, MGL-2P-M, MGL-3P-M, MGL-1M-U, MGL-2M-U, MGL-3M-U, MGL-1M-M, MGL-2M-M, MGL-3M-M, MGL-1SS-U, MGL-2SS-U, MGL-3SS-U, MGL-1SS-M, MGL-2SS-M, MGL-3SS-M		
Codes and standards	IEC 60947-5-3:2013 IEC 60947-5-2:2012 (in extracts)	EN ISO 13849-1:2015 IEC 62061:2015 + AC:2015	
Intended application	The products can be classified as type 4 guard interlock switches in accordance with ISO 14119. In combination with an external safety control/monitoring device the guard interlock switches can be used as PDDDB in accordance with IEC 60947-5-3 in safety applications up to Cat. 4, PL e according to ISO 13849-1 and SIL 3 in accordance with IEC 62061.		
Specific requirements	The guard locking function of the MGL models shall not be used for personal protection, as the holding force is not monitored. In PL e / SIL 3 applications, in which a periodical demand of the safety function is not ensured by regular operational sequences ($\geq 1/\text{month}$), the safety function has to be tested manually at least once per month. For systems with series connections of multiple interlocking devices ISO TR 24119 has to be considered, since the maximum achievable safety level could be reduced to lower than PL e and SIL 3. The provisions described in the Operating Instructions shall be considered for the application.		

Valid until 2022-04-28

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 590.02/17 dated 2017-04-28.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2017-04-28

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Stephan Häb