

Certificate of Conformity No.: 28717004/B

Manufacturer: Rotork Instruments Italy S.r.l.

Via Portico, 17
I-24050 Orio al Serio (BG)

Specifications: IEC 61508-1÷7:2010

Product: Soldo™ BOLT Microswitch

Type: Series BM, BF, BL, TB

RESULT: As per the TÜV Rheinland Italia Report No. FS 28717004, we declare that the product meets the below requirements:

IEC 61508: 2010, part 1 to 7

Functional Safety of electrical/electronic/programmable electronic safety related systems; Type A, Low Demand Mode, HFT=0

λ_d [1/h]	λ_s [1/h]	SFF	Systematic Capability
4,8E-10	<1,0E-09	>60% > 99% including Partial Stroke Test or Full Stroke Test	3

NOTES:

- The above values are compatible with SIL 3 with specific values of Test Interval.
- The requirements of minimum hardware fault tolerance (HFT) according to par. 11.4.3 of IEC 61511-1 have to be observed.
- For further details, see what written in the Safety Manual.

Expiry date: 2020-02-29

--- End document

Location
Date

Milan
2017-02-06

Diego Sirtori
Business Stream Manager

