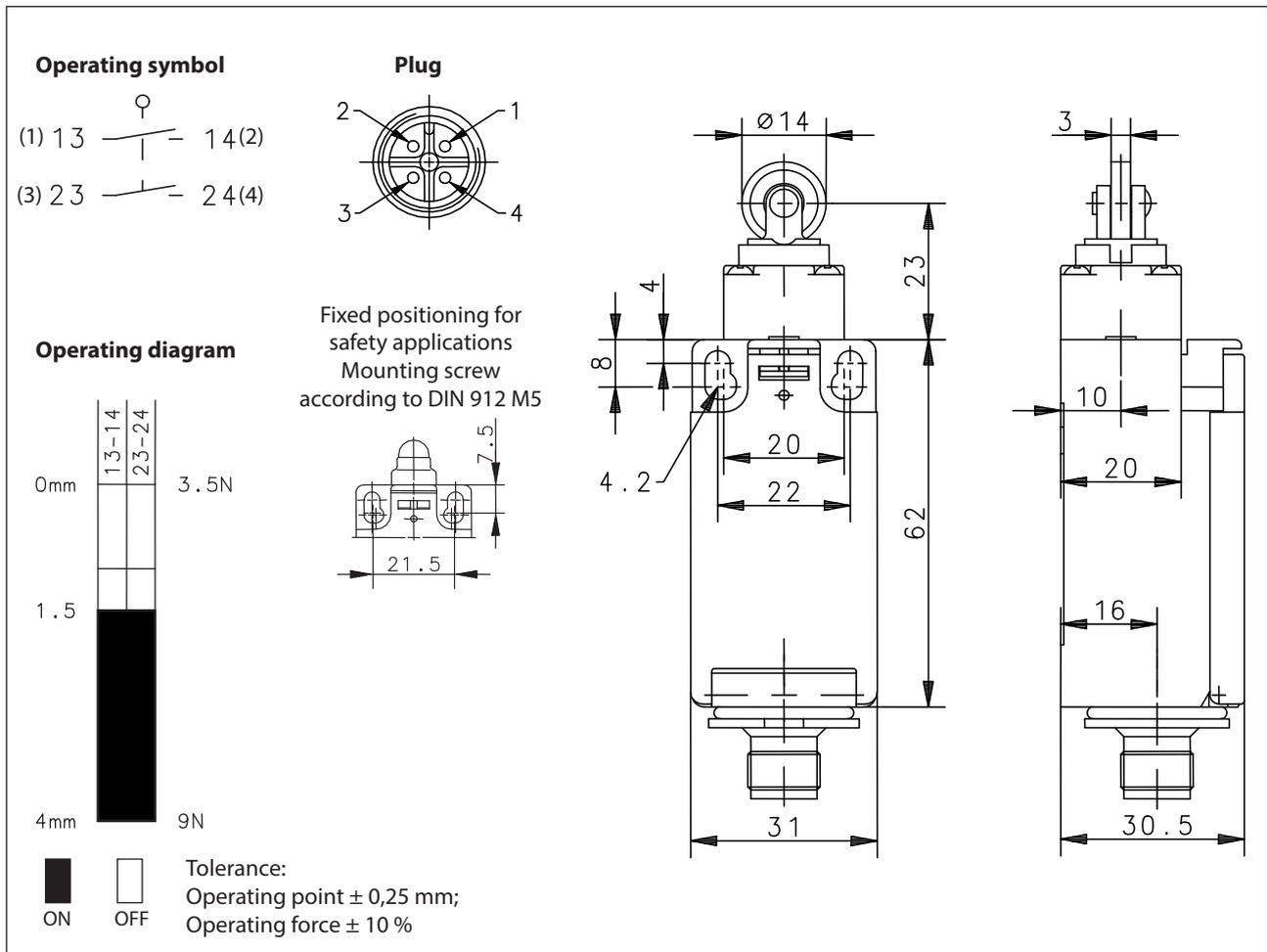


Plastic bodied limit switch Series I88

Description **I88-E2 RIWL M12**

Article number **6186817784**



Electrical Data

Rated insulation voltage	U_i	250 V AC
Conv. thermal current	I_{the}	2,5 A
Rated operational voltage	U_e	240 V
Utilization category		AC-15, U_e/I_e 240 V / 0,75 A
Short-circuit protective device		Fuse 2 A gG
Protection class		II, totally insulated

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0)
Actuator	Roller (thermoplastic)
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 NO
Mechanical life	1 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	Plug M12x1; A coded
Weight	≈ 0,07 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

Actuation
<p>The actuating device is preferably started from 2 sides. By loosening the 4 screws the actuation assembly can be rotated in 90 degree increments such that 4 actuation directions are possible. The actuation assembly is to be again fastened to the housing using the 4 screws.</p>

Standards
VDE 0660 T100, DIN EN 60947-1, IEC 60947-1
VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1

EU Conformity
acc. to directive 2006/95/EC

Approvals
cCSA _{US} C300 (same polarity)

Notes
<p>The degrees of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent connector. The connector and the cable (fix or flexible mounted) must at least be suitable for the described ambient air temperatures. The connector must not be connected or disconnected when voltage is applied. The mechanical life of the connector is 500 connection cycles. Suitable connector and cable must be used to meet approval requirements.</p>