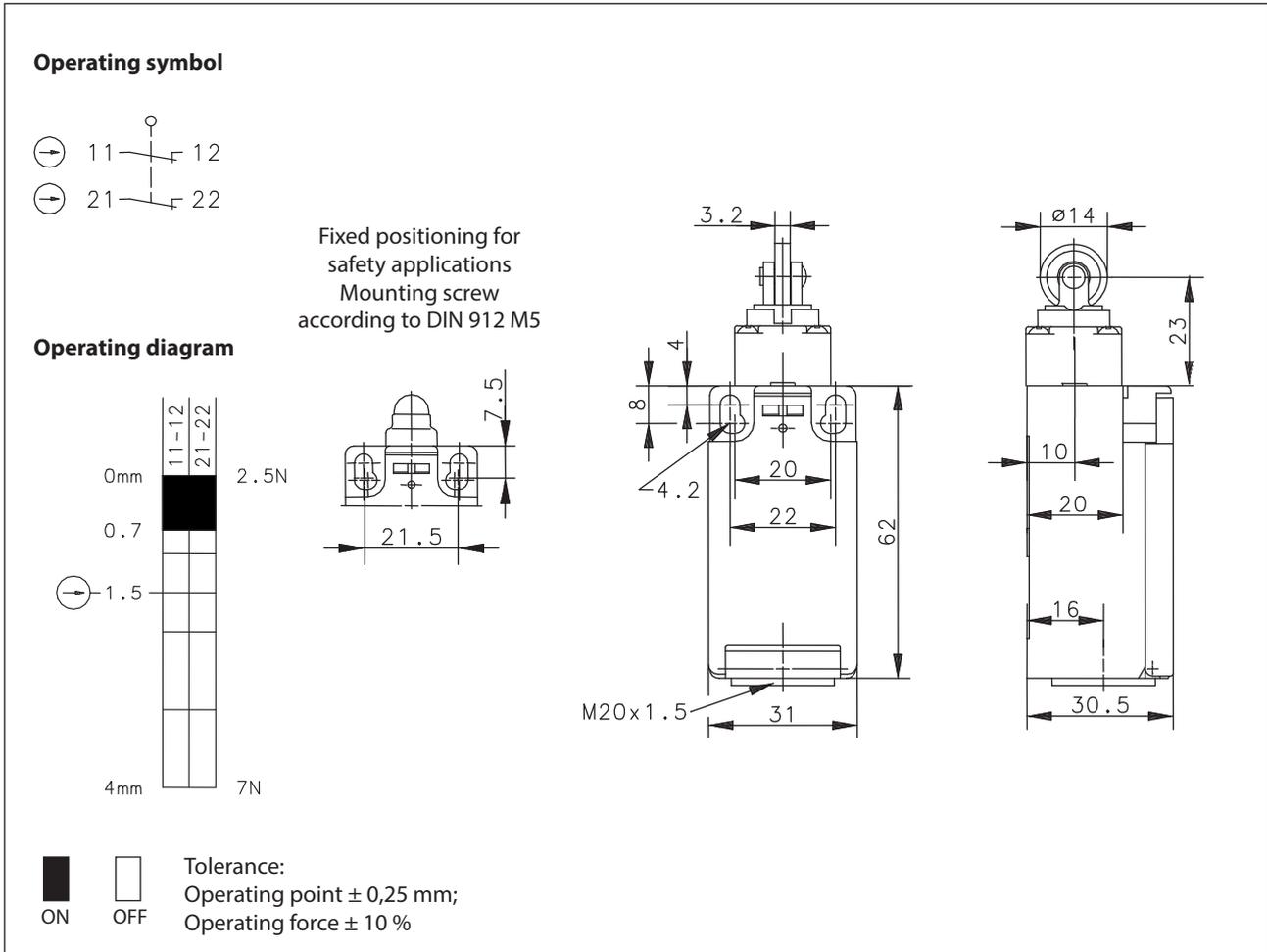


# Plastic bodied limit switch

## Series I88

Description **I88-A2Z RIWL HVG 90GR**

Article number **6186817777**



Electrical Data		
Rated insulation voltage	$U_i$	250 V AC
Conv. thermal current	$I_{the}$	5 A
Rated operational voltage	$U_e$	240 V AC
Utilization category		AC-15, $U_e / I_e$ 240 V / 1,5 A
Direct opening action	$\ominus$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 6 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 NC (Zb)
Contacts	fine gold-plated (Our guideline values are valid for the gold-plated switch contacts.)
Mechanical life	1 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	4 screw connections (M3)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm <sup>2</sup> or Litz wire with ferrules: 0,5 ... 1,5 mm <sup>2</sup>
Cable entrance	1 x M20 x 1,5
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 <sub>US</sub> A300 (same polarity)

Notes
The degree of protection specified (IP code) applies only to a properly closed cover and the use of an equivalent cable gland with adequate cable.