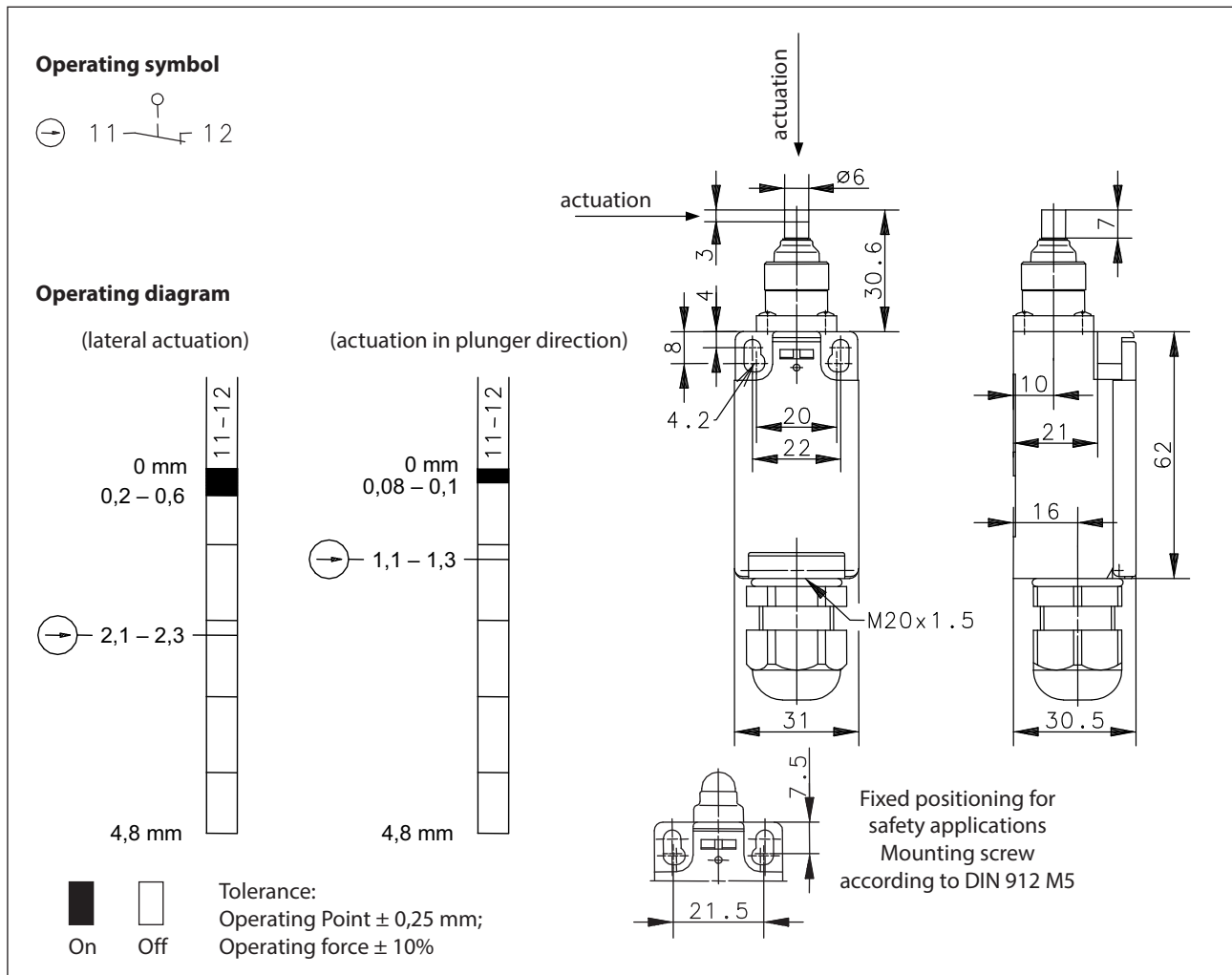


## Plastic bodied limit switch Series I88

Description **I88-A1Z FF SW**

Article number **6186740718**



### Electrical Data

Rated insulation voltage	$U_i$	250 V AC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	24 V (* 240 V AC)
Utilization category		DC-13, $U_e/I_e$ 24 V / 2,5 A AC-15, $U_e/I_e$ 240 V / 3 A
Direct opening action	$\rightarrow$	acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		II, totally insulated

\* Values in brackets refer to an actuating min. to direct opening action.

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0), black
Cover	Thermoplastic, glass fibre reinforced (UL 94-V0), black
Actuator	Plunger (metal)
Ambient air temperature	-30 °C ... +80 °C
Contact type	1 NC
Mechanical life	1 x 10 <sup>6</sup> operating cycles
Switching frequency	≤ 100 / min.
Assembly	2x M4
Connection	2 screw connections (M3,5)
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 cable gland M20 x 1,5 (clamping range 5-10 mm)
Weight	≈ 0,07 kg
Installation position	operator definable
Protection type	IP65 acc. to EN 60529

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	
	CCC

Notes	
The specified protection classification (IP code) applies only when the cover is closed and the appropriate cable is used, in accordance with the clamping range of the above mentioned cable gland.	