

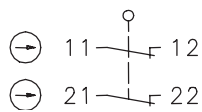
Metal bodied limit switch

Series GC

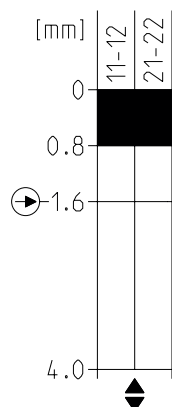
Description **GC-A2Z KU MFI**

Article number **6121810013**

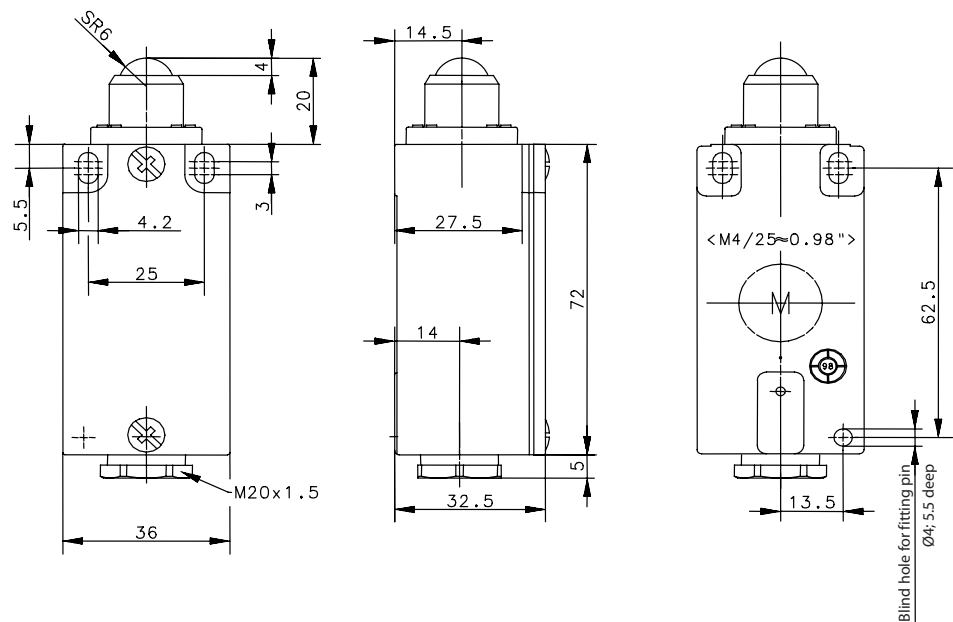
Operating symbol



Operating diagram



 On
  Off
 Tolerance:
 Operating Point $\pm 0,25$ mm
 Actuating force: $\pm 10\%$



Electrical Data

Rated insulation voltage	U_i	400 V AC
Conv. thermal current	I_{the}	10 A
Rated operational voltage	U_e	240 V AC
Utilization category	AC-15, U_e/I_e 240 V / 3 A	
Short-circuit protective device	Fuse 6 A gG	
Protection class	I	

Mechanical data	
Enclosure	Die-cast aluminium
Cover	Sheet aluminium
Actuator	Roller ball (Niro)
Ambient air temperature	-30 °C ... +80 °C
Contact type	2 NC (Zb)
Mechanical life	1 x 10 ⁵ operating cycles
Switching frequency	≤ 100 / min.
Assembly	2 x M4
Connection	4 screw connections (M3)
Conductor cross-sections	Solid: 0,5 ... 1,5 mm ² or Litz wire with ferrules: 0,5 ... 1,5 mm ²
Cable entrance	1 x cable gland M20 x 1,5 (clamping range 5,5 - 6,1 mm)
Weight	≈ 0,16 kg
Installation position	operator definable
Protection type	IP54 acc. to IEC/EN 60529

Actuation
The push bolt actuator is mainly intended to be actuated along it's axis. Side actuation will considerably reduce switch life.

Standards
DIN EN 60947-5-1

EU Conformity
acc. to directive 2014/35/EU (Low-Voltage-Directive)

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.
Seawater-resistant design