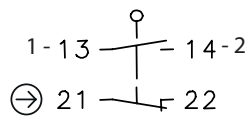


Plastic bodied limit switch Series BI2

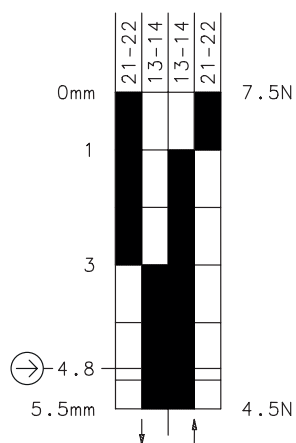
Description **BI2-SU1Z HW 180GR RO13.5**

Article number **6185171129**

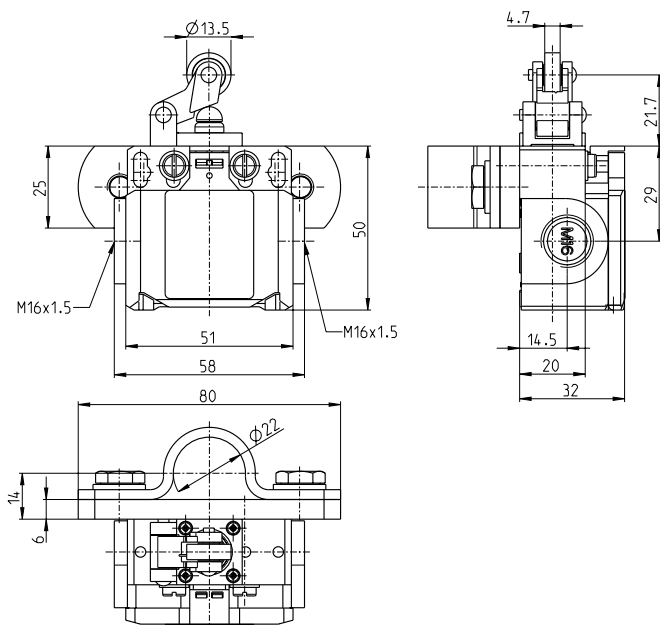
Operating symbol



Operating diagram



 On
  Off
 Tolerance:
 Operating Point $\pm 0,25$ mm;
 Operating force ± 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 DC-13, U_e/I_e 250 V / 0,55 A
Positive opening operation		acc. to IEC/EN 60947-5-1, annex K
Short-circuit protective device		Fuse 2 A gG
Protection class		II, totally insulated

Mechanical data	
Enclosure	Thermoplastic, glass fibre reinforced
Cover	Thermoplastic, glass fibre reinforced
Actuator	Roller (steel)
Ambient air temperature	-5 °C ... +70 °C (cable moved) -30 °C ... +80 °C (fixed cable)
Contact type	1 NC, 1 NO (Zb)
Mechanical life	10 x 10 ⁶ operating cycles
Switching frequency	≤ 100 / min.
Assembly	Mounting clamp Ø 22 mm
Connection	Cable 2 x 0,75 mm ² x 1000 mm ±5 %, Ölflex Classic 110 BK
Weight	≈ 0,65 kg
Installation position	operator definable
Protection type	IP65 acc. to IEC/EN 60529

ID for safety engineering	
B10d	20 x 10 ⁶ cycles

Actuation
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.

Standards
DIN EN 60947-5-1
DIN EN ISO 13849-1

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

Notes
The degree of protection (IP code) specified applies solely to a property closed cover and the use of an equivalent cable gland with adequate cable. Limit switch mounted on mounting plate and mounting clamp.