

Technical Data

Plastic bodied limit switch

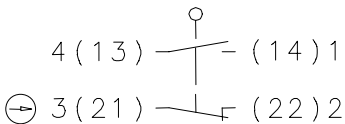
Series IF

Description **IF-SU1Z AH AMP4**

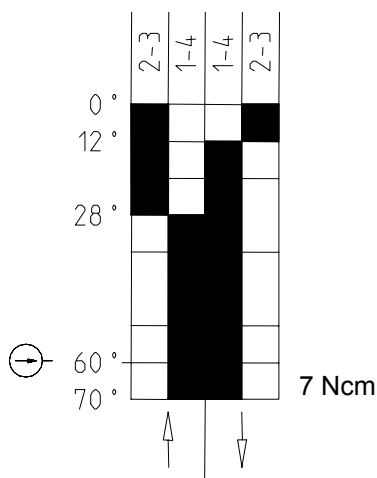
Article number **6089185023**



Operating symbol

1-4 \triangleq AMP – contact assignment

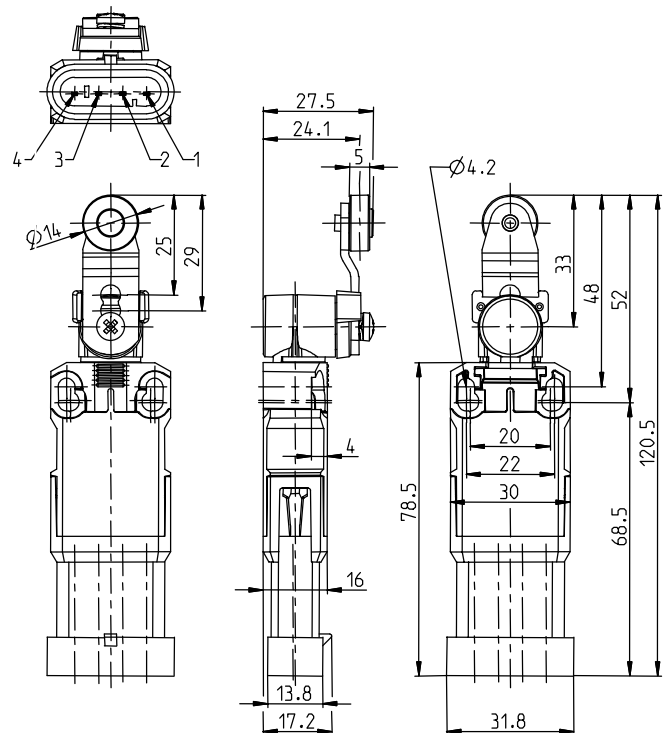
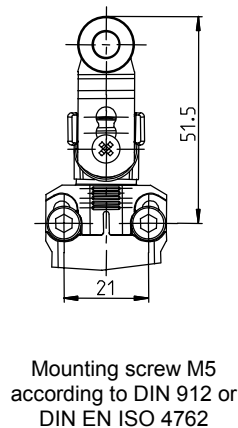


Operating diagram




 On
 Off
 Tolerance:
 Operating point $\pm 3,5^\circ$

Fixed positioning for safety applications



Electrical data

Rated insulation voltage	U_i	250V AC
Conv. thermal current	I_{the}	10A
Rated operational voltage	U_e	240V
Utilization category		AC-15, U_e/I_e 240V/3A
Positive opening NC contact		according to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 6A gL/gG
Protection class		II, totally insulated

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Mechanical data

Enclosure	PA6 (glass fibre reinforced)
Cover	PA6 (glass fibre reinforced)
Actuator	Lever arm housing (Zn-DG), Lever arm (st), roller (thermoplastic)
Ambient air temperature	-25°C ... +70°C (cable in fixed position)
Contact type	Snap action, 1 NO, 1 NC (Zb)
Mechanical life	3 x 10 ⁶ switching cycles
Switching frequency	≤ 30/min
Assembly	2 x M4 or 2 x M5
Connection	plug socket (AMP SUPERSEAL 1,5 Series)
Weight	≈ 0,08kg
Installation position	Operator definable
Protection type	IP67 acc. to EN 60529; DIN VDE 0470 T1

Actuation

Operating direction: from 2 sides

The actuating head can be turned in steps of 90° by lifting the clamp. This means that it can be approached from 8 different directions.

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



Approvals

BG (planned)
cCSA_{US} (planned)

Notes

The indicated protection class (IP-code) is only valid when the actuator is correctly mounted and a corresponding plug is used.