

83589 Top-mounted plunger Part number 83589031



Press button protected by O-ring and scraper seal

Part numbers

Туре	Housing	Features
83 589 031 Top-mounted plunger	Thermoplastic	Standard

Specifications

Conformity to standards	NFC 20030 class I (the plunger is operated manually by an earthed metal part, or by an insulated part which provides additional insulation).
Version	Single-pole
Protection	IP66 resistant to hydrocarbons and saline mist (400 hours)
Electrical characteristics	
Electrical endurance	Standard : 8 A 250 VAC : 30,000 operations200 mA 24 V DC relay load L / R = 3 ms 10^7 operationsDual-current : 1 mA 4 VAC : 10^7 operations200 mA 24 V DC relay load L / R = 3 ms 5 x 10^6 operations5 A 250 VAC : 30,000 operations
Dual-current	This version is designed to operate both on dual-current (1 mA 4 V minimum) and medium-current (5A) circuits. However, a given product should only be used to switch one type of circuit during its working life.

Connections

Cable	PVC Ø5 - 3 x 0.75 mm ² Length 0.50 m Conforming to NFR 13414/13415
Mounting	Max. tightening torque 9 Nm

Mechanical characteristics

Minimum operating force (N)	10
Minimum total travel force (N)	15
Minimum operating travel (mm)	2
Differential travel (mm)	0,1
Maximum total travel (mm)	4,5
Mechanical life (millions of operations) mini.	10 ⁷
Operating temperature (°C)	-40 ->+85
Protection rating	IP66/67
Weight (g)	80

Additional characteristics

Material

- Case : Thermoplastic polyester
- Plunger : Stainless steel
- Contact : Agcdo AgNi (gold-plated) - Nuts : Galvanized steel

- Sealing O-ring : Silicon - Scraper seal : Teflon
- PU resin

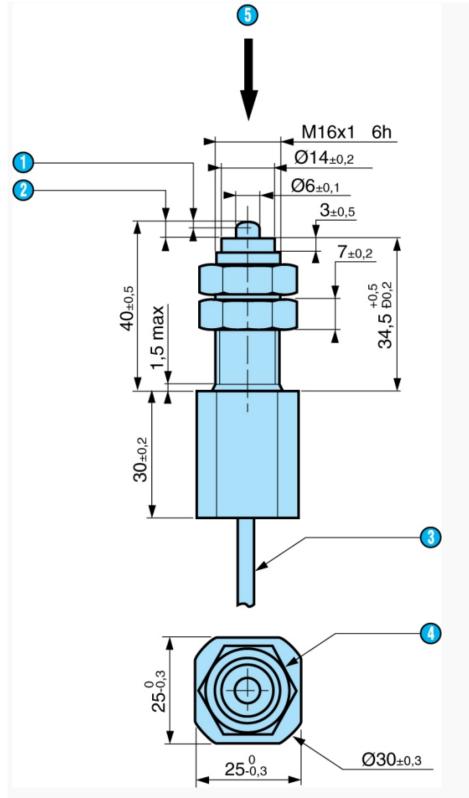


Function Single break two-way contact element (form C : changeover)

Nº	Legend
0	Black (common)
0	Grey (NC)
0	Blue (NO)

Dimensions (mm)

Product



Nº	Legend
0	Operating travel
0	Total travel
0	Cable Ø5 - 3 x 0.75 mm ² Length 0.50 m
0	21 across flats
6	Direction of operation