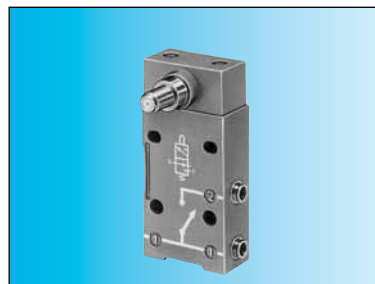
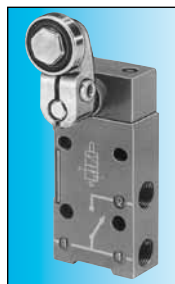


"Compact" series position detectors

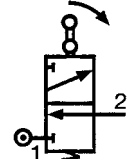
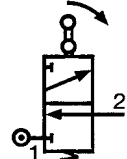
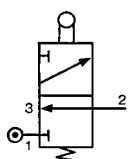
- 100 % pneumatic
- All metal



Part numbers

Features	Direct acting 81 922 401	Rotary actuator 81 922 205	Rotary actuator 81 922 010	Rotary actuator 81 922 210
Version	Roller plunger with unthreaded barrel	Right-hand rotary head with roller lever (CNOMO)	Programmable rotary head without lever	Programmable rotary head without lever

Symbol



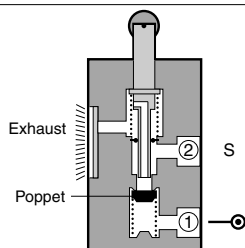
Characteristics

Connection	BSP	—	1/8	—	1/8
	push-in for semi-rigid tubing (NFE 49100)	mm	Ø 4	—	Ø 4
Operating pressure	bar	0.1 → 8	0.1 → 8	0.1 → 8	0.1 → 8
Bore diameter	mm	3	3	3	3
Flow at 6 bars	Nm³/h	200	200	200	200
Activation force at 6 bars	daN	2.5	2.5	2.5	2.5
Circuit function: NC		•	•	•	•
Mechanical life	operations	> 10 ⁷	> 10 ⁷	> 10 ⁷	> 10 ⁷
Silenced or connectable (1/8) exhaust		•	•	•	•
Operating temperature	°C	-5 → +50	-5 → +50	-5 → +50	-5 → +50
Weight	g	150	193	175	175

Accessories

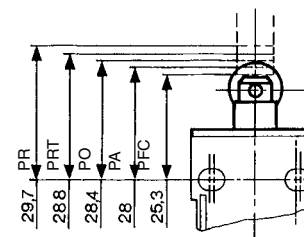
Lever with roller	plastic	79 452 103	—	•	•	•
	bearing	79 452 104	—	•	•	•
Lever with adjustable roller	plastic	79 452 123	—	•	•	•
	bearing	79 452 124	—	•	•	•
Adjustable steel rod lever		79 452 133	—	•	•	•

Principle of operation



Vertical attack

Detectors with roller plunger with unthreaded barrel.



Actuation positions :

- PA : Operating position (max output kV)
- PFC : End of travel position
- PO : Mid-position closed (no exhaust, no outlet)
- PRT : Release position (max exhaust kV)
- PR : Rest position

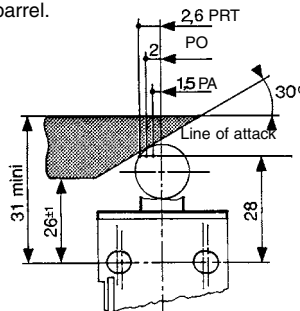
The detectors 81 922 010 and 81 922 210 can operate to both left and right.

Material: body zamak

Other configuration on demand

Horizontal attack

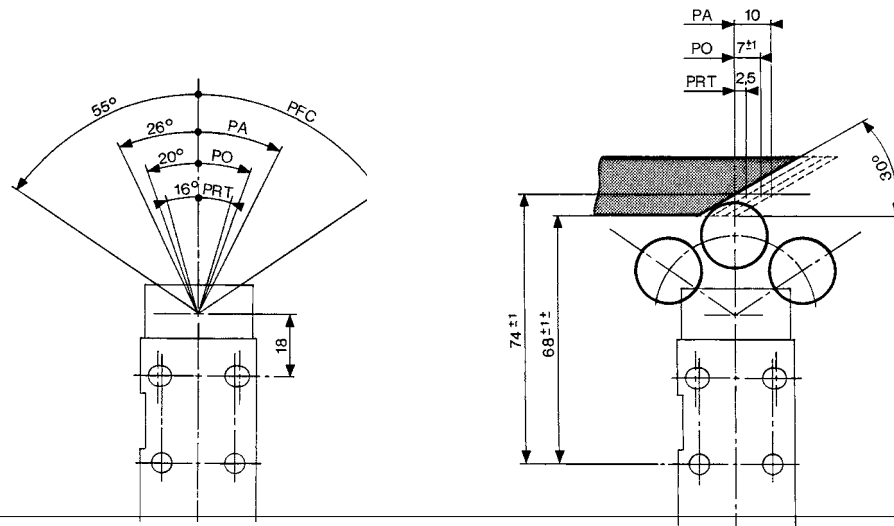
Detectors with roller plunger with unthreaded barrel.



Rotary actuator

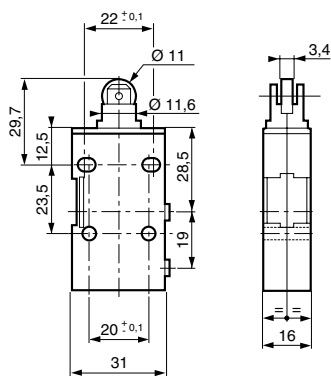
Detectors with levers

81 922 - 81 922 0 - 81 922 2

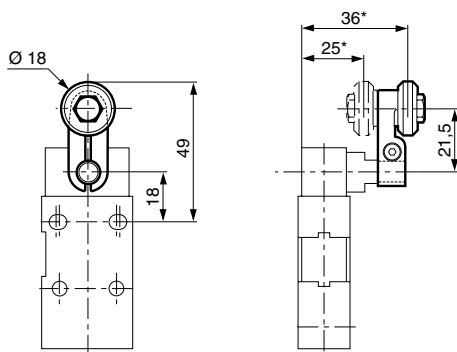


Dimensions

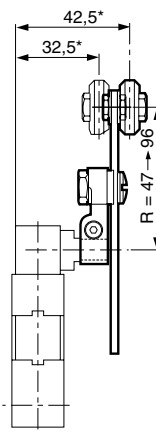
81 922 401



81 922 205 - 81 922 0 - 81 922 2
79 452 103 - 79 452 104



79 452 123 - 79 452 124



79 452 133

