

"Miniature" series position detectors

- 100 % pneumatic
- All metal

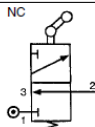
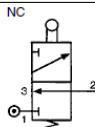
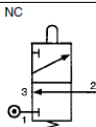


Part numbers

Version Push-in connection for semi-rigid tubing (NFE 49100)

	81 921 501	81 921 701	81 921 702	81 921 707
NC	—	—	—	—
	—	—	—	—
	—	—	—	—
NO	—	—	—	—
	—	—	—	—
	—	—	—	—
Control	Simple plunger	Lever with plastic roller	Lever with roller bearing	Lever with one-way trip plastic roller

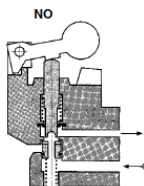
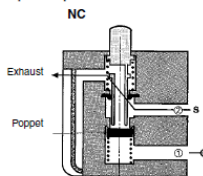
Symbol



Characteristics

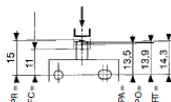
Operating pressure	bar	0.1 → 8	0.1 → 8	0.1 → 8	0.1 → 8
Orifice diameter	mm	2.7	2.7	2.7	2.7
Flow at 6 bars	Nl/min	200	200	200	200
Actuation force at 6 bars	N	18	18	18	18
Circuit function : NC		●	●	●	●
Circuit function : NO		—	—	—	—
Connectable exhaust		—	—	—	—
Operating temperature	°C	-5 → +50	-5 → +50	-5 → +50	-5 → +50
Mechanical life	operations	≥10 ⁷	≥10 ⁷	≥10 ⁷	≥10 ⁷
Weight	g	62	75	80	77

Principle of operation



Actuation travel

Vertical attack
Simple plunger

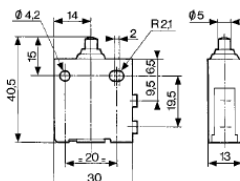


Actuation positions :

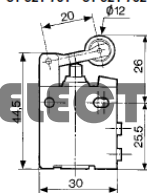
- PA : Operating position (max output kv)
- PFC : End of travel position
- PO : Mid-position closed (no exhaust, no outlet)
- PRT : Release position (max exhaust kv)
- PR : Rest position

Dimensions

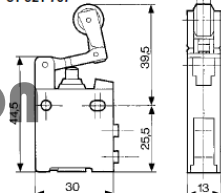
81 921 501



81 921 701 - 81 921 702



81 921 707



ELECTROSÓN