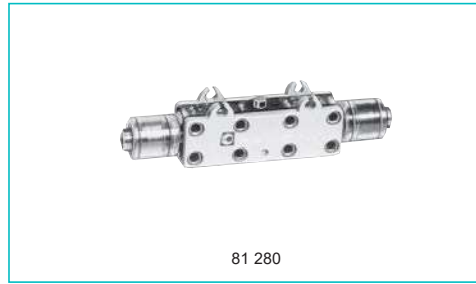


“Microvalve” series position detectors

› 100 % pneumatic



81 280



81 281

Version	NO	81 280 010	81 281 010	—
NC	81 280 510	81 281 510	81 283 510	
Features		Horizontal output	Vertical output	Rear connection by screw
Symbol				

NO



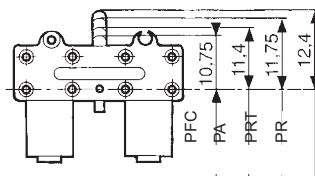
NC



Characteristics

Operating pressure	bar	2 → 8	2 → 8	2 → 8
Orifice diameter	mm	2.7	2.7	
Flow at 6 bars	NI/min	200	200	138
Operating force at 6 bars	N	15	15	15
Effective travel	mm	1	1	1
Push-in connection for semi-rigid tubing (NFE 49100)	mm	Ø 4	Ø 4	Ø 4
Operating temperature	°C	-5 → +50	-5 → +50	-5 → +50
Mechanical life	operat.	5 x 10 ⁶	5 x 10 ⁶	5 x 10 ⁶
Weight	g	14	14	20

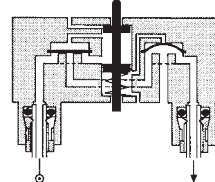
Principle of operation



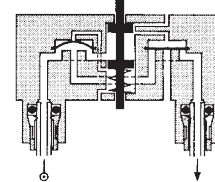
Actuation positions :

PFC : End of travel position
PA : Operating position (max output kV)
PRT : Release position (max. exhaust kV)
PR : Rest position

NC

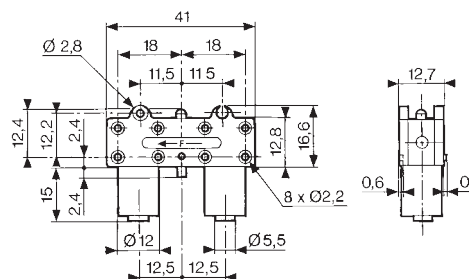


NO

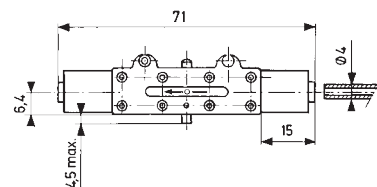


Dimensions

81 281 010 - 81 281 510



81 280 010 - 81 280 510



81 283 510

