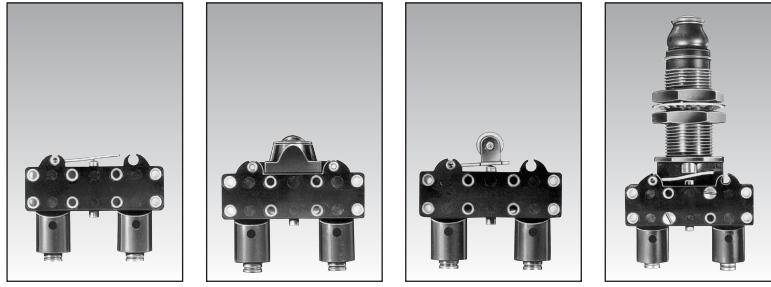


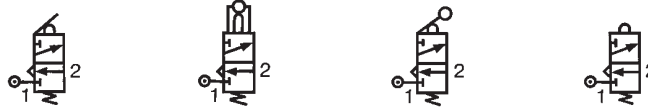
# “Microvalve” series position detectors



## Part numbers

Features	Short lever	With ball	With roller	Threaded barrel Plunger for 5/8" hole
Version NC Vertical output	<b>81 281 502</b>	<b>81 281 504</b>	<b>81 281 509</b>	<b>81 737 501</b>

## Symbol

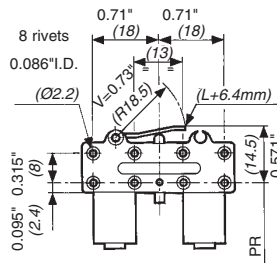


## Characteristics

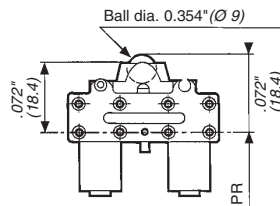
Operating pressure	psi (bar)	30 > 120 (2 > 8)	30 > 120 (2 > 8)	30 > 120 (2 > 8)	30 > 120 (2 > 8)
Orifice diameter	inches(mm)	0.04 (2.7)	0.04 (2.7)	0.04 (2.7)	0.04 (2.7)
Flow at 90 psi (6 bars)	cfm(Nl/min)	7 (200)	7 (200)	7 (200)	7 (200)
Operating force at 90 psi (6 bars)	oz(N)	50 (15)	50 (15)	50 (15)	83 (25)
Effective travel	inches(mm)	0.04" (1)	0.04" (1)	0.04" (1)	0.04" (1)
Push-in connection for semi-rigid tubing O.D. Inches(NFE 49100)	(mm)	5/32" (4)	5/32" (4)	5/32" (4)	5/32" (4)
Operating temperature	°F (°C)	+20>.+120(-5>+50)	+20>.+120(-5>+50)	+20>.+120(-5>+50)	+20>.+120(-5>+50)
Mechanical life	cycles	5 million	5 million	5 million	5 million
Weight	grams	16	18	18	90

## Dimensions

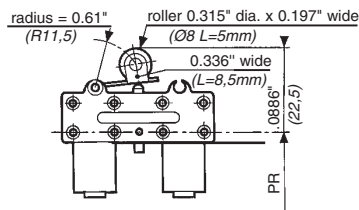
### 81 281 502



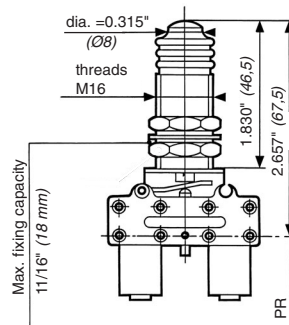
### 81 281 504



### 81 281 509



### 81 737 501



Actuation positions :  
PR : Rest position

Use (metric) dimensions for critical data

Other information	To order, specify :
	<p>Standard products, non stocked</p> <p><b>1</b> Part number Example : "Microvalve" series position detectors - 81 280 002</p>

Products and specifications subject to change without notice.

Order/Technical Support – Tel: (800) 677-5311 / FAX: (800) 677-3865 / [www.crouzet-usa.com](http://www.crouzet-usa.com)