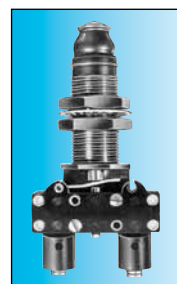
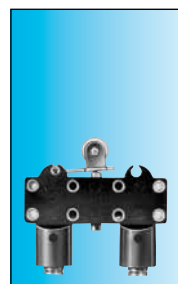
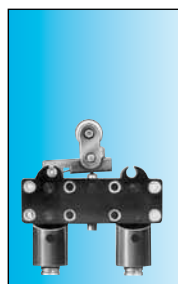
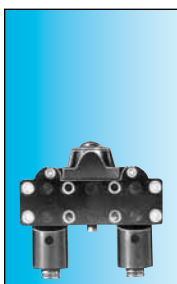
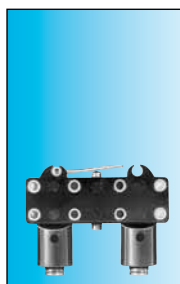


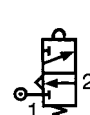
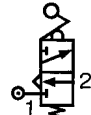
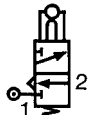
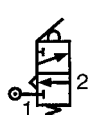
## “Microvalve” series position detectors

■ 100 % pneumatic



| Features |    |                 | Short lever | With ball  | Roller trip | With roller | Threaded barrel Ø 16<br>Plunger |
|----------|----|-----------------|-------------|------------|-------------|-------------|---------------------------------|
| Version  | NC | Vertical output | 81 281 502  | 81 281 504 | 81 281 508  | 81 281 509  | 81 737 501                      |

### Symbol

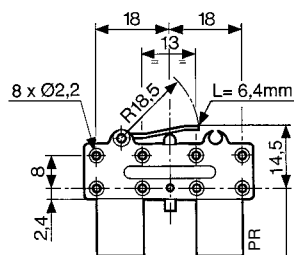


### Characteristics

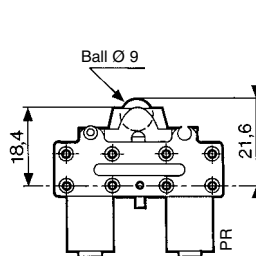
|                                                      |         |                     |                     |                     |                     |                     |
|------------------------------------------------------|---------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Operating pressure                                   | bar     | 2 → 8               | 2 → 8               | 2 → 8               | 2 → 8               | 2 → 8               |
| Orifice diameter                                     | mm      | 2.7                 | 2.7                 | 2.7                 | 2.7                 | 2.7                 |
| Flow at 6 bars                                       | NI/min  | 200                 | 200                 | 200                 | 200                 | 200                 |
| Operating force at 6 bars                            | N       | 15                  | 15                  | 15                  | 15                  | 25                  |
| Effective travel                                     | mm      | 1                   | 1                   | 1                   | 1                   | 1                   |
| Push-in connection for semi-rigid tubing (NFE 49100) | mm      | Ø 4                 | Ø 4                 | Ø 4                 | Ø 4                 | Ø 4                 |
| Operating temperature                                | °C      | -5 → +50            | -5 → +50            | -5 → +50            | -5 → +50            | -5 → +50            |
| Mechanical life                                      | operat. | 5 x 10 <sup>6</sup> | 5 x 10 <sup>6</sup> | 5 x 10 <sup>6</sup> | 5 x 10 <sup>6</sup> | 5 x 10 <sup>6</sup> |
| Weight                                               | g       | 16                  | 18                  | 18                  | 18                  | 90                  |

### Dimensions

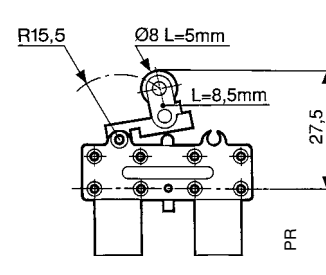
81 281 502



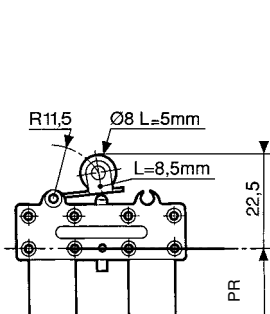
81 281 504



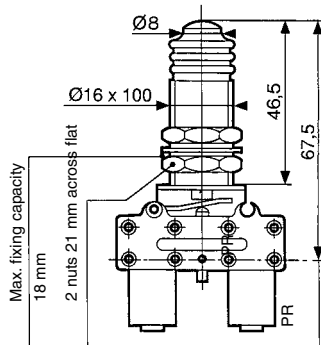
81 281 508



81 281 509



81 737 501



Actuation positions :  
PR : Rest position