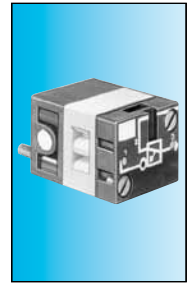
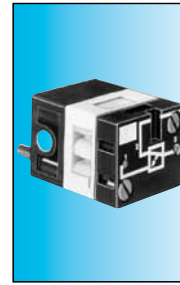
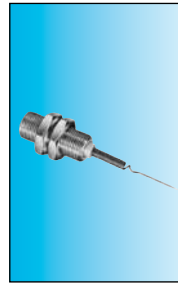
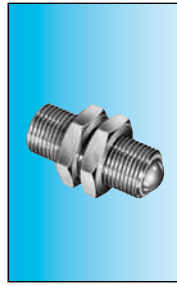


# Position detectors use with relay

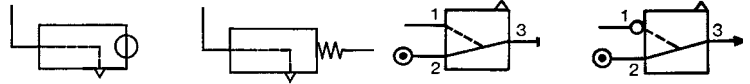
- 100 % pneumatic
- All metal
- Low force operation <N 1
- Very low force Version 30 mN



## References

| Version | 81 512 201 | 81 512 401 | 81 502 435 | 81 505 435 |
|---------|------------|------------|------------|------------|
|         | with ball  | with wire  | Positive   | Negative   |

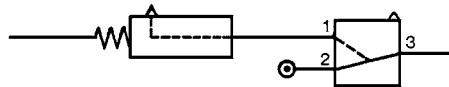
## Symbole



## Characteristics

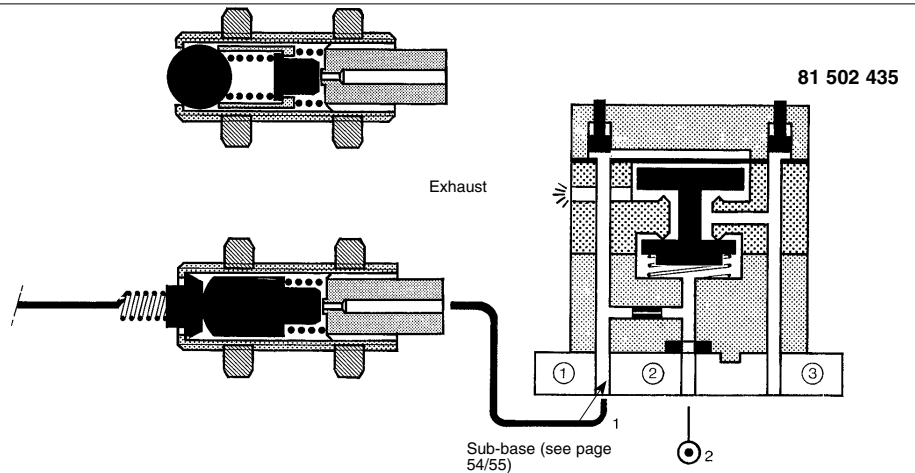
|  |            |                 |                 |                  |                  |
|--|------------|-----------------|-----------------|------------------|------------------|
| Push-in connection for semi-rigid tubing (NFE 49100)                                 | mm         | Ø 4             | Ø 4             |                  |                  |
| Life at 6 bars   | operations | 10 <sup>7</sup> | 10 <sup>7</sup> |                  |                  |
| Actuation force at 6 bars  | N          | 0,8             | 0,025           |                  |                  |
| Fluid used: that delivered by the leak sensor relay..                                |            | •               | •               |                  |                  |
| Operating temperature  | °C         | -5 → +50        | -5 → +50        | -5 → +50         | -5 → +50         |
| Weight   | g          | 24,5            | 23,5            | 35               | 35               |
| Operating pressure   | bar        |                 |                 | 2 → 8            | 2 → 8            |
| Sensor consumption for relay supply at 6 bar   | NI/        |                 |                 | 5                | 5                |
| The distance between relay and sensor must be less than 15 m for a tube Ø 2.7 x 4 mm |            |                 |                 | •                | •                |
| Connection - sub-base see pages 54/55  |            |                 |                 | •                | •                |
| Mechanical life  | operations |                 |                 | ≥10 <sup>7</sup> | ≥10 <sup>7</sup> |

## Connection



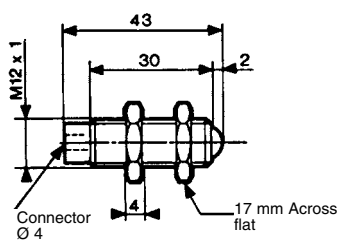
## Principle of operation

Supplied at industrial pressure, the relay produces a permanent bleed at its input port. A sensor shutting off this bleed causes the relay to switch.

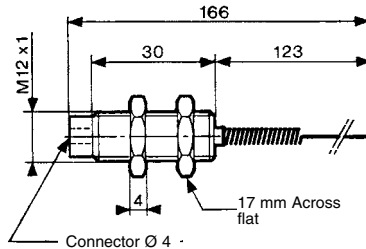


## Dimensions

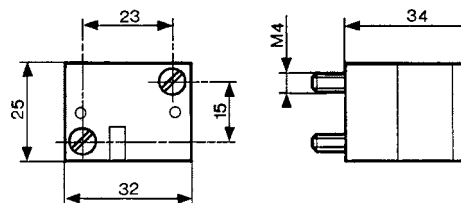
### 81 512 201



### 81 512 401



### 81 502 435 - 81 505 435



Material: brass