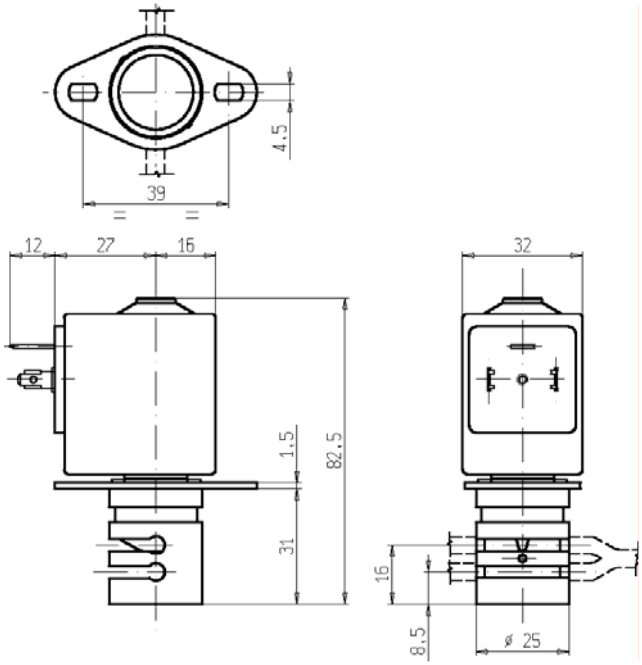
# PINCH SOLENOID VALVE
## 3/2 – NC (Normally closed) – NO (Normally open)

**S306**






### ► GENERAL FEATURES

Pinch solenoid valve, suitable to shut off media without producing neither turbulent flows nor dead spaces.
One tubing is normally closed (NC) while the other one is normally open (NO).
High flow rate under the same conditions of internal diameter of different solenoid valves; the system allows a bi-directional through flow.
The valves are suitable for soft SILICONE tubings or others, similar as to elasticity and hardness (50 shore A).
Silent model.
The tubing is the only material in contact with the fluid.
The tubings are not included in our supply.

### ►INSTALLATION

Solenoid valve can be mounted in any position.

### ► MATERIALS

| | |
|---|---|
| *Body* | Anodized aluminum |
| *Pinching device* | POM (reinforced acetal copolymer) |
| *Internal components* | Stainless steel |
| *Core tube* | Chemically nichel coated brass (Ni-P). |

### ► COIL

| | |
|---|---|
| *Continuous duty* | ED 100% |
| *Encapsulation material* | PET (polyethylene terephftalate) fiberglass reinforced |
| *Insulation class* | F (140°C) |
| *Ambient temperature* | -10 C° +60 °C |
| *Electric connection* | DIN 46340- 3 poles plug-connectors (DIN 43650) |
| *Protection degree* | IP 65 (DIN 40050) with plug-connectors |
| *Voltages DC* | 12-24V (+10% -5%)<br>(Other voltages on request). |

| TUBINGS | | Pinching strength (kg) | Series and type | | Power absorption (W) | Notes | Weight (kg) |
|---|---|---|---|---|---|---|---|
| I.D. (mm) | O.D. (mm) | | Valve | Coil | | | |
| 3,4 | 4,7 | 0,400 | S306-02 | Z530A | 9 | - | 0,280 |

### ► NOTE

- For the use of a soft tubing with outside diameter smaller than 3,5mm it is necessary to install the tubing guide sleeve (drawing K29501).
- In case the tubing is not placed in its seat, the solenoid valve could operate incorrectly.

THE VALIDITY OF REPORTED DATA IS REFERRED TO THE DATE OF ISSUE. POSSIBLE UPDATING ARE AVAILABLE ON REQUEST