

## Installation Instructions

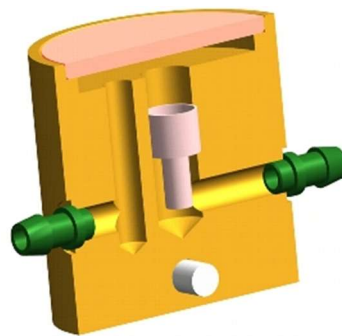
# EARL – Flow switch Type 41vS

### I m p o r t a n t   n o t e

Before installation and commissioning of the unit the operating instructions must be read extremely carefully to avoid possible damage which may invalidate the warranty.

The unit must only be used for the operating conditions as detailed within the specification enclosed.

A l l   o t h e r   u s a g e   i s   e x c l u d e d



Sectional view

### 1 General

The flow switches type 41vS are used to control low liquid or gas flows. The units are suitable for horizontal pipes.

### 2 Operation

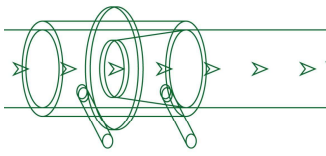
The flow directed upwards lifts a float. When decreasing the set point a permanent magnet fixed to the float operates a reed contact. With normal flow the float is situated at the stop. Details are to be found in the enclosed specification. For differing applications please contact the manufacturer.

**Type 41vS**                      with fixed set point

### 3 Mounting

The unit has been designed for horizontal pipes only. The direction of flow is indicated through the arrow on the housing.

The unit is supplied with standard threaded process G ¼.



## 4 Technical data

The technical data for which the unit is ranged are to be found in the enclosed specification.

## 5 Maintenance

The unit is nearly resistant to tear and wear if it is used for clean liquids and gases. For slightly contaminated media a filter has to be incorporated. The proper function of the unit has to be tested periodically, at least once a year. It is the responsibility of the user to choose the testing method and the time of intervals within the indicated period.

## 6 Electrical connection

Type of switch, protection class, switching capacity, threaded process, type of cable and length are to be found in the enclosed specification.,

## 7 Connecting plan

