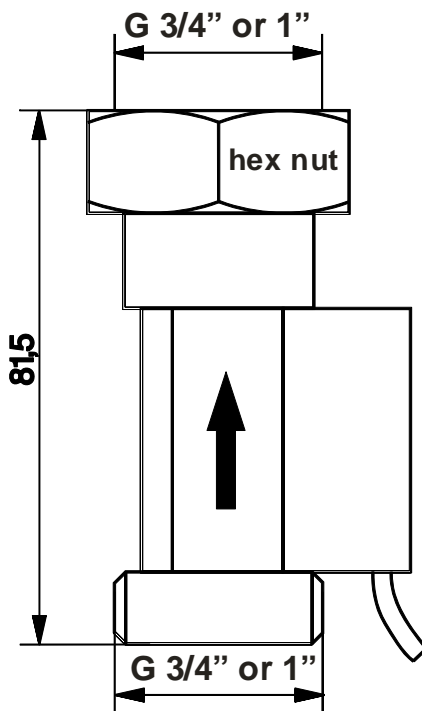




Flow sensor

The flow sensor STS01 is available in four types:



STS01DC **Direct current type** as signal transducer to standard controller inputs up to 30 V= \sim , threads G 1"

STS01DC-3/4" threads G 3/4"

STS01AC **Alternating current type** for directly switching of circulating pumps in 230V \sim mains up to 1,5 A, threads G 1"
(not suited for electronic loads)

STS01AC-3/4" threads G 3/4"

Mounting position: Vertical

When mounting the flow switch, ensure **that the hex nut faces upwards** as shown in the figure. The sensor must be **flown through bottom-up** according to the arrow. The detector (black plastic part) can be placed on the brass part in an user-defined direction.

Technical data:

Response quantity: < 2 l / min
typically 1.3 l / min
Temperature range: -10 to +80°C
Max. operating pressure: 10 bar
Pressure loss at 1000 l/h: 0.1 bar
2000 l/h: 0.4 bar
3200 l/h: 1.0 bar
Mounting position: vertical +/- 10°
Cable length: 2 m
Housing material: MS58

max. breaking capacity:

STS01DC: 30V= \sim / 10mA
STS01AC: 250V \sim / 1.5A