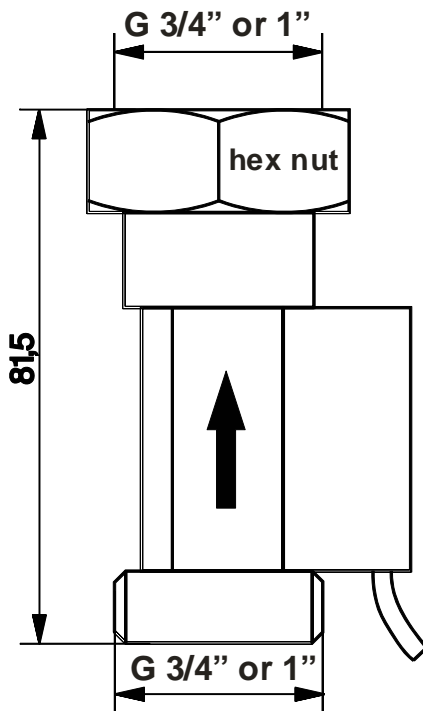




Flow sensor STS01 DC / STS01 AC

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 $\frac{3}{4}$ "

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

STS01AC-3/4" threads G $\frac{3}{4}$ "

Mounting position:

When mounting the flow switch, ensure that the hex nut faces upwards as shown in the figure. The sensor must be **flow 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