

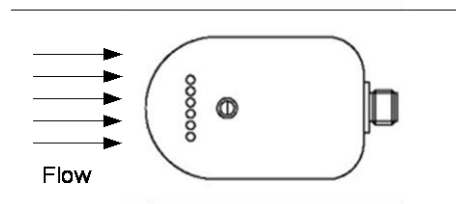
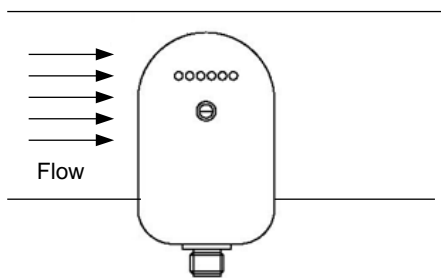
2.3 Installing the sensor (SN10350)

The SN10350 flow sensor can be attached to the pipe using a standard 1/2" saddle clamp. The saddle clamp should be ordered separately (see fittings and accessories).

For pipes larger than 125mm, use a standard 1 1/4" saddle clamp with a special 1 1/4" to 1/2" adapter ring (see fittings and accessories):

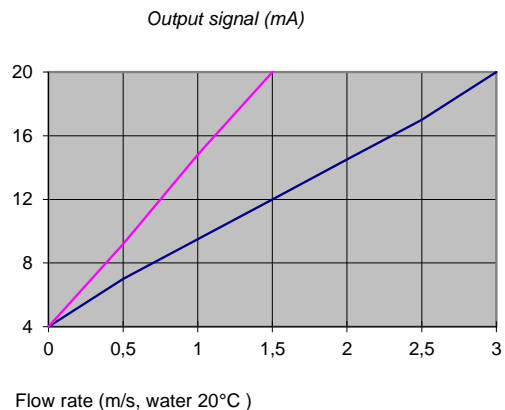
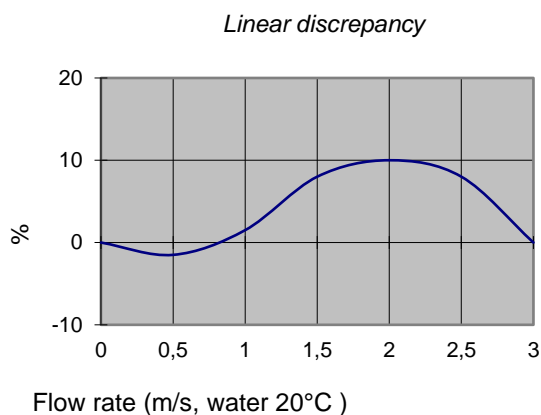


Using Teflon tape, screw the sensor as far into the saddle clamp as possible. The sensor should always be mounted at right angles to or parallel to the pipe (see illustrations below).



Adjustment of settings:

The flow sensor SN10350 is pre-set to a measuring range of 5cm/s to 300cm/s (this corresponds to 4-20mA). This setting gives the smallest linearity error (see graph below). Use the built-in multi-turn potentiometer to adjust the measuring range. To use the potentiometer, you will first need to remove the white cover screw. If you turn the potentiometer clockwise, the sensor will deliver a higher output current at a lower flow rate. The minimum setting is 5cm/s to 150cm/s (this corresponds to 4-20mA). See graph below. Use the blue screwdriver supplied to adjust the potentiometer.





LED display:

The LED display shows the output signal of the sensor. See illustration below for a more detailed explanation.

