

# SELECT Dosing System

## Water Flow Sensor VTH25

Item: 160CA05

### Technical data

The VTH25 water flow sensor is a high quality turbine sensor.

It is durable with a long working life.

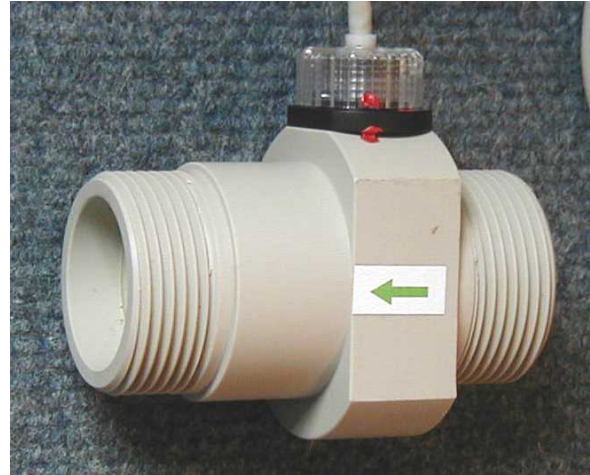
Normally supplied ready plugged for ease of connection to the Select Doser. Cable colour definitions are shown in case independent connection is required.

It is an open construction allowing for ease of inspection. In case of malfunction, inspect the unit to determine if any foreign particles (hair, feathers, vegetation etc.) are preventing the free-running of the turbine.

It is preferable to protect the VTH25 flow sensor by using a water filter upstream of the sensor.

Uses – Because of the relatively high capacity of this sensor, it can be used in water pipe lines where large flows of water can be expected. In agriculture, this sensor can be used where water is supplied to a large number of pigs, or to many poultry houses.

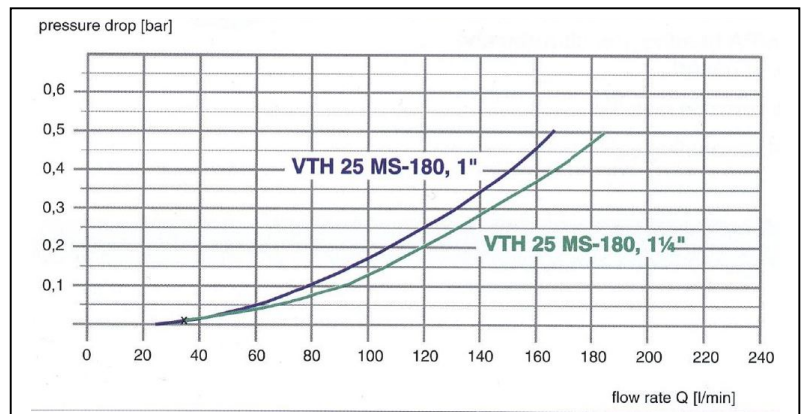
See also the data sheet for the VTH40 flow sensor (larger capacity).



Flow range:	200 – 10,000 l/hr
Flow medium::	Water only
Max. medium temp.:	+85 DegC
Connection:	1 1/4" BSP male
Pressure loss:	See below
Lead length:	4m
Cable colours:	White – 12V DC Green – Signal Brown & sheath – ground
Orientation:	Any
Nominal pressure:	PN 10
Max. particle size:	0.5mm

#### Materials

Turbine body:	PPO Noryl GFN3V
Rotor:	PPO Noryl GFN3V
Magnet:	Recona 28 nickel plated
Shaft:	Stainless steel
Axial bearing:	Sapphire
Radial bearing:	PEEK



20.06.11 Select 1V VTH25