

# SELECT Dosing System

## Water Flow Sensor VTH40

Item: 160CA08

### Technical data

The VTH40 water flow sensor is a high quality turbine sensor.

It is robust, durable and has a long working life.

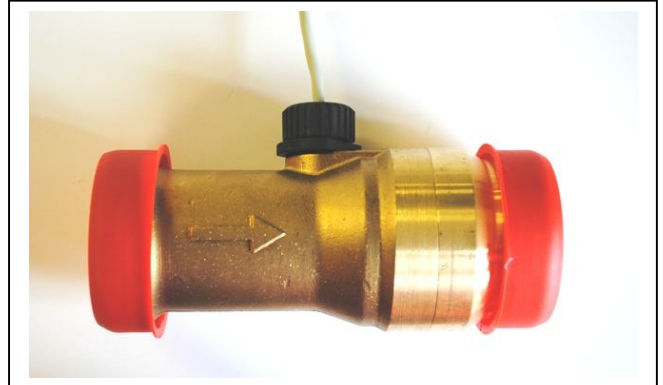
Normally supplied ready plugged for ease of connection to the Select Doser. Cable colour definitions are shown in case independent connection is required.

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 VTH40 flow sensor by using a water filter upstream of the sensor.

Uses – Because of the high capacity of this sensor, it can be used in water pipe lines where very 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, or for water treatment for a whole site..

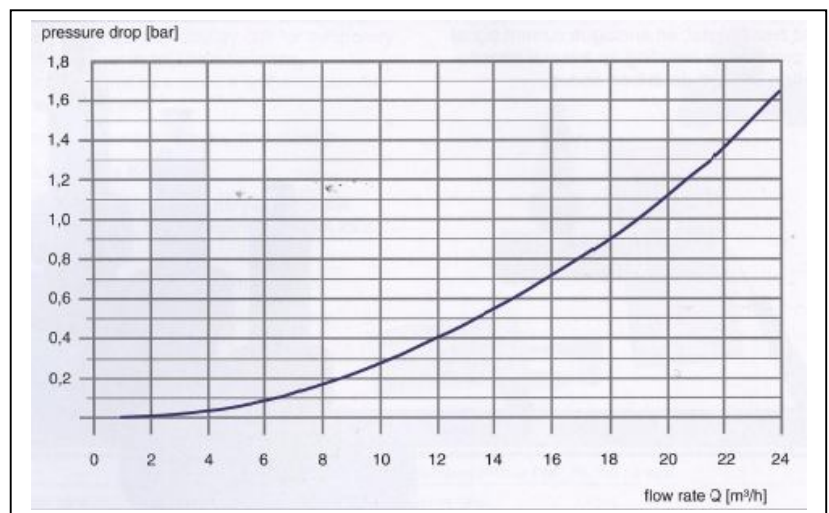
See also the data sheet for the VTH25 flow sensor (smaller capacity).



Flow range:	400 – 25,000 l/hr
Flow medium::	Water only
Max. medium temp.:	85 DegC
Connection:	2" BSP male
Pressure loss:	see below
Lead length:	2m
Cable colours:	White – 12V DC Green – Signal Brown – ground
Orientation:	Any
Sensing type:	Magnetic
Nominal pressure:	PN10
Max. particle size:	0.5mm

#### Materials

Turbine body:	Brass
Rotor:	PPO Noryl GFN
Magnet:	Recona 28
Shaft:	Stainless steel
Axial bearing:	Sapphire



20.06.11 Select 1V VTH40