

# SELECT Dosing System

## Water Flow Sensor VTY10

Item: 160CA03

### Technical data

The VTY10 flow sensor is a compact turbine water flow sensor that is supplied with the Select Doser range.

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 not possible to dismantle the VTY10 sensor. 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 VTY10 flow sensor by using a water filter upstream of the sensor.

Uses – This low cost sensor can be used in all situations of moderate water flow. Particular uses in agriculture are single poultry houses and small groups of pigs.

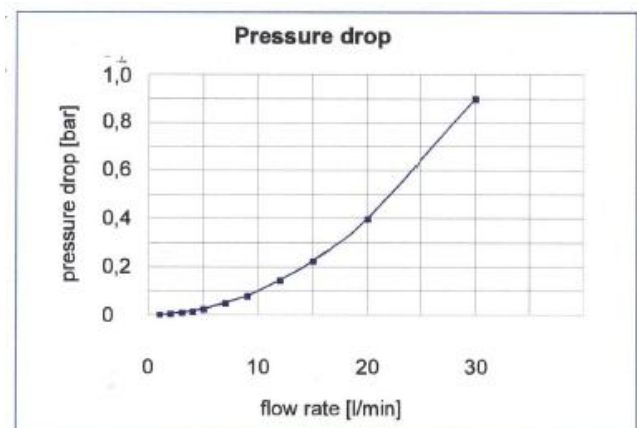
For larger capacity flow sensors see the VTH25 and VTH40 data sheets.



Flow range:	20 – 1,500 l/hr
Flow medium::	Water only
Max. medium temp.:	+70 DegC
Connection:	3/4" BSP male
Pressure loss:	See below
Lead length:	4m
Cable colours:	White – 4.5 – 24V DC Green – Signal Brown – ground
Orientation:	Any
Nominal pressure:	PN 10

#### Materials

Turbine body:	PPO Noryl GFN3
Rotor:	PPO Noryl GFN3
Magnet:	Hard Ferrite
Shaft:	Stainless steel
Axial bearing:	Sapphire
Radial bearing:	PEEK



20.06.11 Select 1V VTY10