

SELECT Dosing System

Water Flow Sensor VTY20

Item: 160CA20

Technical data

The VTY20 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 VTY20 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 VTY20 flow sensor by using a water filter upstream of the sensor.

Uses – This flow sensor can be used in all situations of moderate - high water flow. Particular uses in agriculture are single large poultry houses and individual pig units of 1000 pigs.

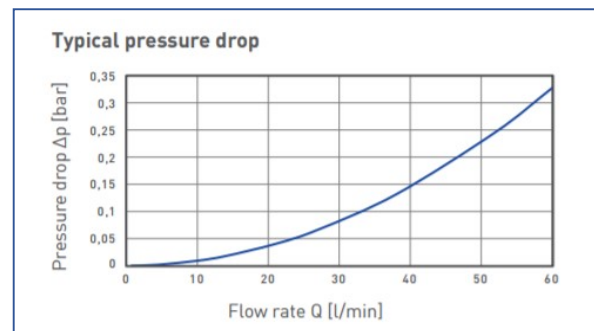
For larger capacity flow sensors see the VTH25 and VTH40 data sheets.



Flow range:	48 – 3,600 l/hr
Flow medium:	Water only
Max. medium temp.:	+90 DegC
Connection:	1" BSP male
Pressure loss:	0.33 bar at 3,600 l/hr
Lead length:	4m
Cable colours:	White – 4.5 – 24V DC Green – Signal Brown – ground
Orientation:	Any
Nominal pressure:	PN 10

Materials

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



02.03.18 Select 1V VTY20