

# SELECT Dosing System

## MFS Sensor

THE SELECT dosing system has been designed for use in agricultural and other situations where products are required to be dosed accurately and consistently.

With the introduction of the MFS range of flow sensors, the Select Doser can now accurately dose into water flows that are contaminated by particles or other debris that would normally prevent a turbine style flow sensor operating accurately or reliably.

The water flow passes through an open tube within the sensor. The tube is in a magnetic field with the flow of water at right angles to the magnetic field. This induces a voltage proportional to the flow rate. This voltage is picked up by electrodes.

Note: It is important to position the MFS sensor so that it always runs full. Air in the sensor will lead to spurious emission of pulses and the Select Doser operating unexpectedly.

The MFS sensor is the most advanced water flow sensor available today.

## Technical data



### Specification

#### Flow range:

Type	Pipe size	Max Flow (l/hr)
MFS8	8mm	1,500
MFS15	14mm	3,600
MFS20	18mm	14,400
MFS25	25mm	18,000

#### Threads

MFS8	1/2"
MFS15	3/4"
MFS20	1"
MFS25	1 1/4"

#### Maximum working pressure:

10 bar @ 20C, 8 bar @ 40C, 6 bar @ 60C

#### Accuracy

Accuracy 1%

#### Medium

Water and other conductive liquids