

# dataflow <sup>560-108</sup> <sub>560-110</sub>

## 4-20mA flow transmitter

4-20mA output

Works in any plane

Accepts reverse flow

Maximum flow 150 l/min

Negative pressure only

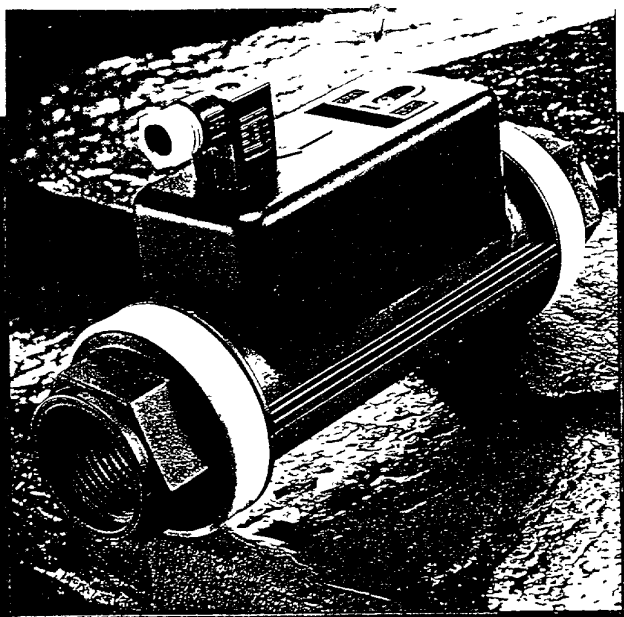
Pressure up to 10 bar

Low cost - simple to install

For use with most liquids

Factory calibrated 4-100 l/min

DIN connection



### Technical specifications

**Construction:** Borosilicate glasstube  
Nitrile seals  
Body - Polyester  
Rotor and locator - Acetal  
Washers and shaft - Stainless Steel  
Rotor tips - Stainless Steel

### Maximum Working Pressure:

10 bar Oil/Water

### Minimum flow indication

2 l/min (Max 150 l/min)

Accepts reverse flow

### Calibration:

4-100 l/min on water

4mA - 0 l/min

20mA - 100 l/min

### Accuracy:

±2%

### Temp Range:

5-80°C Oil

5-60°C Water

### Connections:

1" BSP Parallel threads

NPT available on request

### Weight:

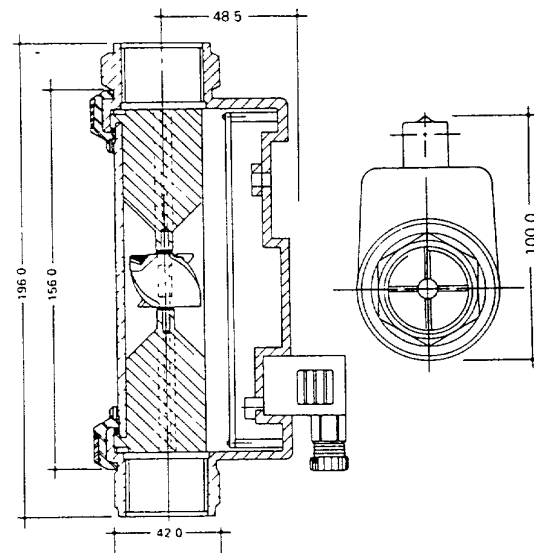
0.7 Kg

### Electrical Details:

Supply - 24V d.c. Output - 4-20mA

### Display:

Loop powered



### PULSE OUTPUT SIGNAL NOW AVAILABLE

Dataflow transmitters are now available with a pulse output signal for use with industry standard totalizers and batch controllers

### On-site calibration:

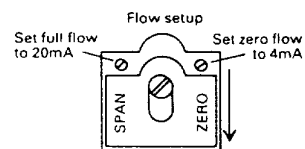


Diagram 1 Slider

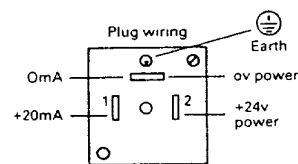
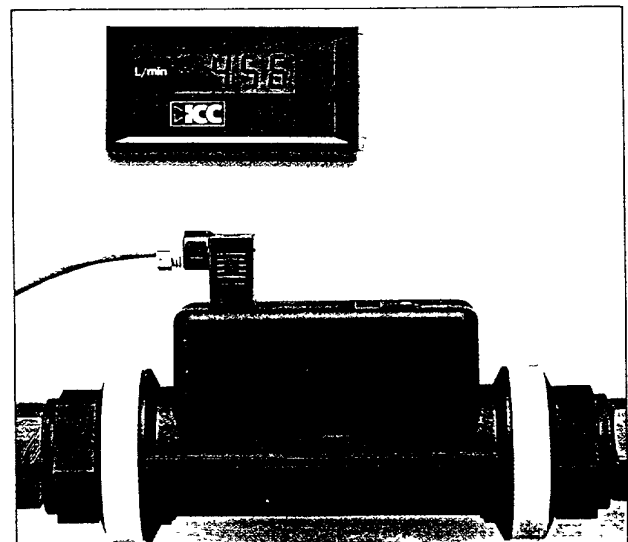


Diagram 2

The Dataflow 4-20mA transmitter can be field calibrated. Set system at zero flow (Diag 1). Connect a multimeter across terminals 1 (+20mA) and ⊕ (0mA) (Diag 2). Set the zero to read 4 mA on your multimeter. Set system to full flow and set the span to read 20 mA on your multimeter.

### Ordering Information

Part Number	Description
DFT.990	Dataflow 4-20mA transmitter 560-108
DFT.980	Dataflow 'Pulse' output 560-110
DFT.991	Dataflow display



Dataflow transmitter connected to LCD readout