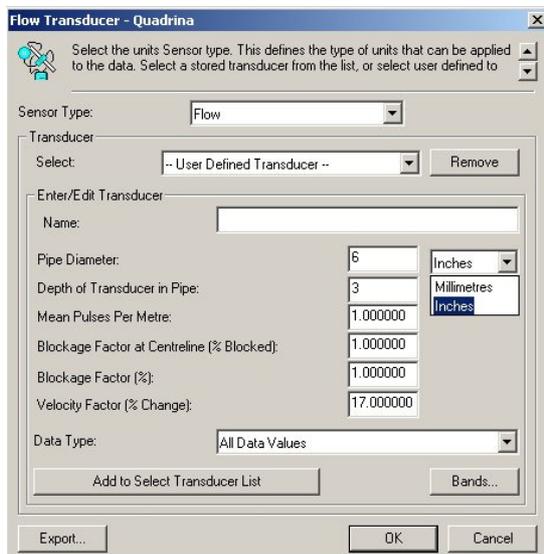
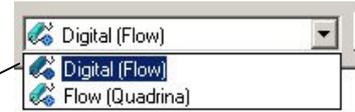
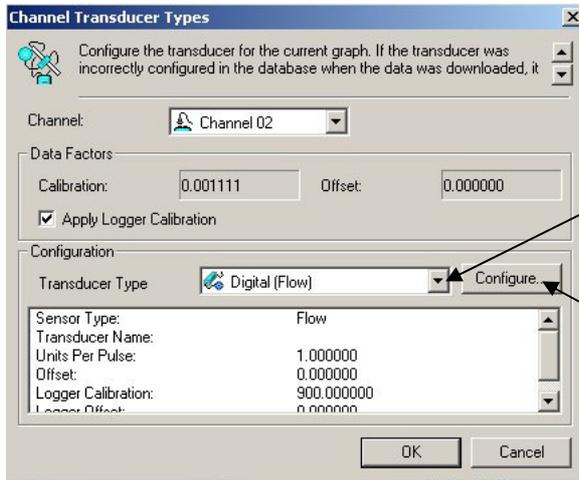


**Setup locations - Transducer
View –Data Options-Transducer
Wizard Configure and Download -Transducer**



**Enter pipe sizes either
in mm or inches**



First Road, Letchworth, Hertfordshire, SG8 1HS, England
 Tel: 0462 873481, Tlx: 826726, Fax: 0462 874666

TEST CERTIFICATE

Order no: 44598 Works Order no: 12378
 Customer: Strathclyde Water
 Flowmeter type: MPT/100/600mm/MEP Serial no: 15612
 Pickup type: Electronic Calibration fluid: Water
 Calibration conditions:
 Temperature 19.9°C Pressure 69 psig Viscosity 1 cSt

Test Weight lbs	Recorded Counts	Time Seconds	Flowrate M ³ /s	Output M ³	Pulses per metre
50	15721	25.71	6.93	611	89.28
50	15785	30.48	5.06	519	88.54
50	15876	40.19	4.44	395	89.87
50	15998	53.49	3.33	299	89.71
50	16805	60.24	2.22	288	90.24
10	3734	30.15	1.10	187	90.72
10	3246	55.73	0.64	56	91.80
10	3258	123.87	0.29	26	91.39

Mean Factor = 89.87 ppm

Calibrated by: P.A. Farrell Date: 7.7.93

From the Test Certificate
Enter the Mean Pulse Value

Flow Transducer - Quadrina

Select the units Sensor type. This defines the type of units that can be applied to the data. Select a stored transducer from the list, or select user defined to

Sensor Type: Flow

Transducer: Select: -- User Defined Transducer -- Remove

Enter/Edit Transducer

Name: []

Pipe Diameter: 6 Inches

Depth of Transducer in Pipe: 3

Mean Pulses Per Metre: 89.87

Blockage Factor at Centreline (% Blocked): 14.9

Blockage Factor (%): 11

Velocity Factor (% Change): 17.000000

Data Type: All Data Values

Add to Select Transducer List Bands...

Export... OK Cancel

Use the blockage Factors from the list

MINI-PROBEFLOW
BLOCKAGE PROGRAM - LIQUID

Pipeline size Internal diameter	Blockage at centreline	Blockage % per inch
2.07	20.3	23.8
3.00	14.9	17.0
4.05	11.24	6.9
4.84	7.42	2.55
7.90	5.32	1.42
10.02	4.26	0.843
12.00	3.50	0.55
13.250	3.142	0.479
15.25	2.782	0.357
17.25	2.387	0.274
19.25	2.072	0.214
23.25	1.652	0.133
29.25	1.207	0.080
35.25	1.054	0.060

Flow Transducer - Quadrina

Select the units Sensor type. This defines the type of units that can be applied to the data. Select a stored transducer from the list, or select user defined to

Sensor Type: Flow

Transducer: Select: -- User Defined Transducer -- Remove

Enter/Edit Transducer

Name: []

Pipe Diameter: 6 Inches

Depth of Transducer in Pipe: 3

Mean Pulses Per Metre: 89.37

Blockage Factor at Centreline (% Blocked): 7.42

Blockage Factor (%): 2.55

Velocity Factor (% Change): 17.000000

Data Type: All Data Values

Add to Select Transducer List Bands...

Export... OK Cancel

MINT-PROBEFLÖ
BLOCKAGE FIGURES - LIQUID

Pipeline size internal diameter	Blockage at control line	Blockage % per inch
3.07	20.3	23.0
3.00	14.9	11.0
4.03	11.24	6.0
4.04	7.43	2.55
7.30	5.12	1.43
10.03	4.28	0.843
12.00	3.50	0.53
13.330	3.147	0.479
15.25	2.702	0.357
17.25	2.347	0.276
19.25	2.073	0.216
23.20	1.637	0.133
29.25	1.207	0.080
35.25	1.034	0.040