

REFLUX FLOW TRANSMITTERS

Housing Type	Air (20°C, 1013mbar)	Float Material	Scale Code	Housing Type	Water (20°C)	Float Material	Scale Code
3/8" RH	0.6 to 5 L/min	Dural	AI 48	3/8" RH	6 to 70 cm³/min	PTFE	WA 48
1/2" RH	2 to 10 L/min	Dural	AI 40	3/8" RH	30 to 250 cm³/min	PEEK	WA 50
3/8" RH	2.5 to 13 L/min	St. Steel	AI 41	3/8" RH	40 to 500 cm³/min	St. Steel	WA 41
3/8" RH	3 to 22 L/min	Dural	AI 42	3/8" RH	100 to 800 cm³/min	St. Steel	WA 42
3/8" RH	5 to 33 L/min	St. Steel	AI 43	3/8" RH	0.4 to 3 L/min	St. Steel	WA 43
3/8" RH	12 to 80 L/min	Dural	AI 44	3/8" RH	0.5 to 3.5 L/min	St. Steel	WA 44
1/2" MH	20 to 150 L/min	Dural	AI 46	1/2" MH	1 to 8 L/min	St. Steel	WA 46
1/2" MH	30 to 220 L/min	St. Steel	AI 47	1/2" MH	1.5 to 12 L/min	St. Steel	WA 47
1" MH	60 to 400 L/min	Dural	AI 81	1" MH	3 to 24 L/min	St. Steel	WA 81
1" MH	80 to 600 L/min	St. Steel	AI 82	1" MH	4 to 40 L/min	St. Steel	WA 82

Reflux flow transmitters can be ranged to suit higher flowrates than those shown. Please supply details of your application.

Alarms may also be fitted to these meters, please enquire.

For indication only, please refer to the LPL Series on pages 10 –11.

mm	3/8" RH	1/2" MH	1" MH
a	175	220	220
b	80	125	125
c	56	80	80
d	210	240	250

RF 1/2" MH **AI 46**

Reflux ←

Housing ←

3/8" RH
1/2" MH
1" MH

Scale Code
Obtain scale code from tables above

If the range you require is not listed, a customised scale can be produced. Please supply: Nominal flow rate or preferred range, fluid properties (e.g. density & viscosity), units, working pressure and temperature.

REFLUX FLOW TRANSMITTERS

Low to medium flows

4-20 mA transmission

Local indication

Gases and liquids

Approved for explosive atmospheres

Fast response

High repeatability

Customised calibration

Low pressure drop

Suitable for panel mounting



Specification	
Gas Range	0.6 - 600 L/min (air equiv.)
Liquid Range	6 cm ³ /min - 40 L/min (water equiv.)
Output	2-wire, 4 to 20mA loop powered
Supply	8 – 30 VDC
Approvals	EEx ia IIC T6 ATEX II 2GD T70°C IP65
Accuracy	±2% FSD
Repeatability	±0.5% of Flow
Temperature	-15°C to 60°C
Pressure	20 bar max. (non shock)
Pressure Drop	Gases: 6 mbar max. Liquids: 25 mbar max.
Connections	3/8", 1/2" or 1" BSP female, Stainless steel
Seals	Viton or nitrile on sizes 23 and 30
Flow Tube	Borosilicate glass
Float	Stainless steel, anodised aluminium or PEEK