

30mm Scale Glass Tube & Float for Gas & Water



DS3701

Features:

- Instantaneous response
- Simple and reliable operation
- Low line pressure loss
- High resolution
- Custom scales available on request

Description:

The LG/LGX range of Glass Tube Flowmeters typically use the 30mm scale length borosilicate glass tube and a float. Based on the well known variable area (VA) principle of low measurement, these flowmeters provide clear, simple and reliable operation.

Platon Glass Tubes from RM&C are individually scaled and calibrated according to customer's requirements. Custom scales are produced using our "Reynolds Curve" prediction software, which uses air or water calibration data corrected for the effects of temperature and pressure on the density and viscosity of the working fluid.

Principle of Operation

Fluid flowing vertically upwards through the tapered glass tube causes the float to rise to an equilibrium position. Flow rate is measured by reading the top edge of the float against the scaled tube.

SKU	Fluid Type	Scale Range	Compatible Frame Size
FRGTF1AHD-A	Air	50 - 500 cm ³ /min	1 LG/LGX
FRGTF1AHS-A	Air	100 - 1000 cm ³ /min	1 LG/LGX
FRGTF1ASS-C	Water	1 - 5 l/h	1 LG/LGX
FRGTF1BHD-A	Air	50 - 250 cm ³ /min	1 LG/LGX
FRGTF1CHD-A	Air	5 - 100 cm ³ /min	1 LG/LGX
FRGTF2AHD-A	Air	2 - 10 l/min	2 LG/LGX
FRGTF2AHS-A	Air	2 - 25 l/min	2 LG/LGX
FRGTF2AHS-C	Water	5 - 40 l/h	2 LG/LGX
FRGTF2BHD-A	Air	0.5 - 5 l/min	2 LG/LGX
FRGTF2BHS-C	Water	5 - 15 l/h	2 LG/LGX
FRGTF2CHD-A	Air	0.5 - 2.5 l/min	2 LG/LGX

General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

TT Electronics | Roxspur Measurement & Control
2 Downgate Drive, Sheffield, South Yorkshire, S4 8BT, UK | Ph: +44 (0) 114-244-2521
www.ttelectronics.com | RoxspurSales@ttelectronics.com