

DS/FAC FLOAT FLOW METER WITH CONTROL VALVE

FEATURES

The DS and FAC types float flow meters with control valve are designed for direct measuring, and control of small flow-rates of water, air or neutral gases. As an option, version DS can be equipped with one or two alarm contacts. The installation direction is vertical, with ascending flow. Connection is made with NPT threads. Possible installation on panel.

LIMITS OF USE

Fluid WP:	10 bar
Fluid WT°:	-10°C / +50°C
DS - Accuracy:	+/- 5 % of the scale
FAC - Accuracy:	+/- 3 % of the scale

CONSTRUCTION

Body	Acrylic
O-ring	FPM
DS Float	Nickel-plated magnetic steel
FAC Float	AISI 316 SS
Control valve	AISI 316 SS
Fittings	AISI 316 SS

HYDRAULIC FEATURES

DN	Type	Fluid	Graduation unit	Flow-rate range
1/4" NPT	DS	Water	Liters / min	0,4 – 4
1/4" NPT	DS	Water	Liters / min	0,8 – 8
1/4" NPT	DS	Air	Liters / min	10 – 100
1/4" NPT	DS	Air	Liters / min	25 - 250
1/2" NPT	FAC	Water	Liters / min	1 - 10
1/2" NPT	FAC	Air	Liters / min	30 - 300

DIRECTIVES AND MANUFACTURING STANDARDS

Directive 2014/68/EC	Not subject
NPT connection	ANSI B1.20



Information given as an indication only, and subject to possible modifications



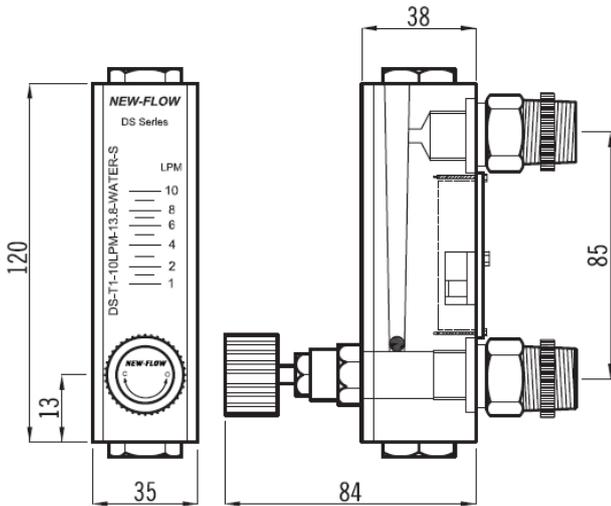
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Ref.	FT2281 ENG
Rev.	04
Date	09/2023

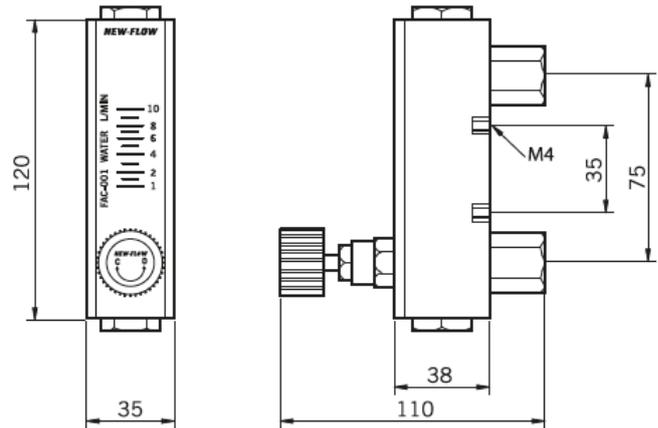
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DIMENSIONS (mm) AND CONNECTIONS

Connection 1/4" NPT (DS)



Connection 1/2" NPT (FAC)



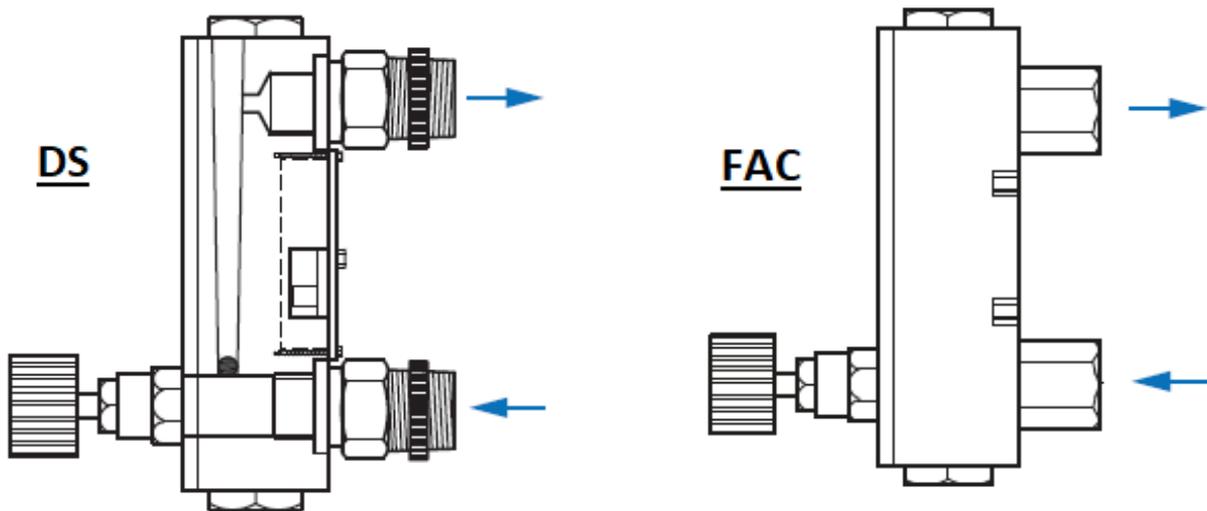
NS 01 - TYPE ALARM CONTACT (DS Only)

Type	REED NO
Operation	DPDT
Cut-of voltage	0,5A@125V AC - 10W@100V CC
Mounting on flow meter	On a back plate - position adjustable by 10% to 80% of the flow-rate range
Number of contacts	1 or 2

INSTALLATION

The installation direction is vertical, with ascending flow.

Mounting on panel: the 2 back nuts are provided.



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