

METAL TUBE FLOW METER DF SERIES

DF-1 Indicating Only

DF-2 With Alarm Switch

Technical Data

Service: Air, Water

Material: Case—SS316 for DF-1; Aluminum for DF-2;

Body—SS316; Orifice Piston—SS316, PVDF

Dial Size: $\phi 4''$, $\phi 6''$ available (Switch type only for $\phi 4''$)

Indication: Via magnetic coupling (no seals)

Scales: LPM, LPH in water; NLPM, Nm³/H in air

Flow Rate: Water—0.25 LPM up to 20 LPM; 15 LPH up to 1200 LPH

Air—6 NLPM up to 500 NLPM; 0.35 Nm³/Hr up to 30 Nm³/Hr

Max. Working Temperature: 80°C

Max. Working Pressure: Standard 200 kg/cm²;

Other options upon request

Adjustable Micro Switch

1 adjustable alarm contact

Load: 5A/250VAC/125VAC/30VDC

Temperature: -25°C ~ +100°C (AMB)

Hysteresis: $\pm 10\%$ of full scale

Connection Size: $\frac{1}{4}''$, $\frac{1}{2}''$ NPT or BSP

Protection Class: IP65

Accuracy: $\pm 4\%$ FS ($\pm 3\%$ FS option)

Range Selection Table

Water 20°C				Air 20°C 1.013 bar				BSP/ NPT	Thread Type L (mm)
Code	LPM	Code	LPH	Code	NLPM	Code	Nm ³ /Hr		
001	0.25~1.3	007	15~80	013	6~30	019	0.35~1.7	$\frac{1}{4}''$	108
002	0.7~3	008	40~200	014	15~80	020	1~4.7	$\frac{1}{2}''$	130
003	0.8~4	009	50~250	015	20~110	021	1.3~6.6		
004	1.8~9	010	110~550	016	40~220	023	2.6~13		
005	2.6~13	011	160~800	017	60~320	024	4~20		
006	4~20	012	250~1200	018	100~500	025	6~30		

Dimensions



