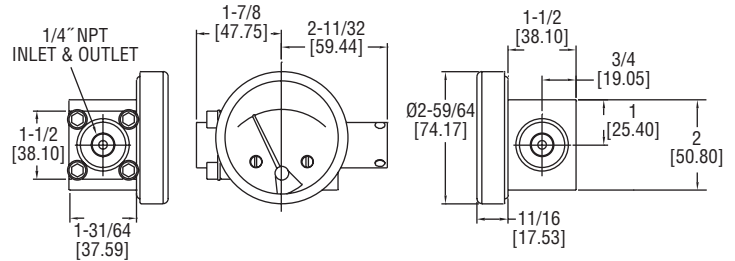# FIXED-ORIFICE FLOWMETER FOR LOW FLOW RATES
316 SS Body, Oil/Gas/Water Calibration

1/4˝ NPT Process Connection

The **SERIES DTFF** Variable-Area Flowmeters for Low Flow Rates measures water, oil, or air flow rates with great accuracy at a competitive price. This Series is available in a wide range of flow rates for each calibration, with stainless steel construction as standard and is pre calibrated for horizontal in-line mounting.

FEATURES/BENEFITS
• Rugged stainless steel construction ensures great compatibility and is an excellent choice for high line pressure applications, with a maximum pressure of 3000 psig (200 bar)
• High sensitivity for low flow measurement
• Shatter proof construction, unlike glass tube variable area flowmeters, yields long operation life

APPLICATIONS
• Monitoring low pressure drop across filters or strainers
• Low flow monitoring based on differential pressure
• Oil & gas equipment
• Heat exchangers
• Backflow prevention

SPECIFICATIONS

Service: Compatible gases & liquids & oils.
Wetted Materials: Body: 316 SS; Spring: 302 SS; Range spring: 302 SS; Magnet: PTFE-coated; Orifice piston: Acetal; Diaphragm: Fluoroelastomer.
Temperature Limit: -22 to 200°F (30 to 93°C).
Pressure Limit: 3000 psig (200 bar).
Accuracy: Liquid/oil calibration: ±2% FS; Air calibration: ±5% FS.
Repeatability: ±1% FS.
Size: Diameter dial face 2.5˝ (63.5 mm).
Process Connections: 1/4˝ female NPT.
Weight: 4 lb (1.81 kg).

MODEL CHART					
Model	**Range**	**Calibration**	**Model**	**Range**	**Calibration**
DTFF-1S-4W	0 to 4 GPH	Water	**DTFF-1S-4O**	0 to 4 GPH	Oil
DTFF-1S-5W	0 to 5 GPH	Water	**DTFF-1S-5O**	0 to 5 GPH	Oil
DTFF-1S-8W	0 to 8 GPH	Water	**DTFF-1S-8O**	0 to 8 GPH	Oil
DTFF-1S-10W	0 to 10 GPH	Water	**DTFF-1S-10O**	0 to 10 GPH	Oil
DTFF-1S-15W	0 to 15 GPH	Water	**DTFF-1S-15O**	0 to 15 GPH	Oil
DTFF-1S-20W	0 to 20 GPH	Water	**DTFF-1S-20O**	0 to 20 GPH	Oil
DTFF-1S-25W	0 to 25 GPH	Water	**DTFF-1S-25O**	0 to 25 GPH	Oil
DTFF-1S-40W	0 to 40 GPH	Water	**DTFF-1S-40O**	0 to 40 GPH	Oil
			DTFF-1S-5A	1.5 to 5 SCFM	Air