



Specialists in flow metering, pumps, couplings and process measurement equipment

# PRODUCT DATASHEET





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## **DP Series Insertion Paddle Wheel Flowmeter**



FLOMEC® Insertion Meters are cost effective stainless steel meters for measuring the flow of water, fuels and other low viscosity liquids in pipe sizes 1.5" – 100" (10 – 2500 mm). Insertion Meters are a flexible, economic method to measure large flow rates with small pressure drops and low installation costs, with most applications battery powered with a FLOMEC totaliser. Applications include HVAC, hot and cold water, fire systems, water distribution (management and treatment), boiler feed water, waste water and hydrant flow testing.

## **Features & Benefits**

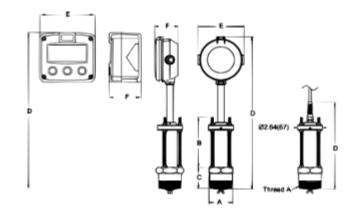
- IP68 (NEMA6) submersible 316SS construction (cable connection only)
- Intrinsically safe option available
- DP525 version suitable for "hot tap" installations
- Quadrature pulse option available for bi-directional flow measurement

#### **Technical Data**

	DP490	DP525	
For: Pipe Size	1.1/2" - 35", DN40 - DN900	2" - 100", DN50 - DN2500	
Velocity	1-10 M/S		
ConnectionSize	1.1/2" or 2" BSPT or NPT male	2" BSPT or NPT male	
Body Material	316 Stainless Steel		
Rotor/Shaft Material	PVDF/316 Stainless Steel or PEEK/Tungsten		
Seals	Viton or Buna-n (Nitrile)		
Linearity	Typically +/- 1.5% of reading		
Max Pressure (Bar)	80 Bar		
Max Temperature (°C)	150°C		
Output	Reed switch, NPN, Voltage Pulse		
Options	Variety of safe area and hazardous area directly mounted instruments to display flow rate, total, alarm/pulse and 4-20 mA (HART)		
	outputs		

#### **Dimensional Data**

	490	525
A	60	64
D (cable)	237	424
D (RT14)	415	900
D (RT40)	380	865
D (F series)	413	898



### **Ordering Information**

