

Flowmeters

Electronic Flowmeter

Tracer® Switching Flowmeter

Features and Benefits

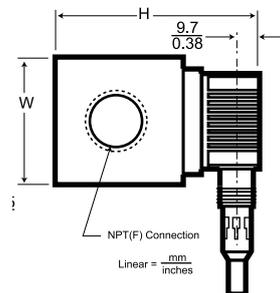
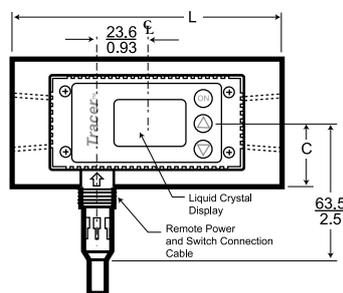
- Programmable SPDT (Single Pole Double Throw) switch tied to high or low flow, or high or low temperature conditions to help protect equipment and processes.
- Remotely powered for low maintenance operation.
- Bi-directional flow reading makes installation simple and convenient.
- Metric or English units for flow and temperature are user-selectable.
- Corrosion-resistant wetter parts assure long-lasting durability.
- 3/8" through 2" BSP inlet/outlet installs easily into existing plumbing.



Tracer® Electronic Switching Flowmeter measures liquid flow rate and temperature while providing one programmable switching set point for high or low flow or temperature. 8 to 28VDC power source operates the flowmeter to provide continuous monitoring of the process. Sealed push-buttons configure the flowmeter and switching operations through user friendly menus. BTU's per minute calculation is available as standard.

The Tracer Electronic Switching Flowmeter is designed to be permanently mounted to closely monitor water flow and temperature conditions. The SPDT switch in the Tracer flowmeter can be wired directly to an alarm circuit in a process controller or other peripheral equipment. The BSP threaded openings provide versatile, leak-free connections to match existing plumbing without adaptors.

SPECIFICATIONS	
FLOW ACCURACY	±5%
FLOW REPEATABILITY	±3%
WETTED PARTS	
BODY	CLEAR ANODIZED ALUMINIUM
OR	NICKEL PLATED BRASS
IMPELLER	NYLON 6/12
IMPELLER SHAFT	18-8 STAINLESS STEEL
MAGNET	NEODYMIUM
POWER	8-28VDC
SWITCHING	.SPDT, 1A, 30VAC, 42VDC
TEMPERATURE RANGE	32°F TO 230°F (0°C TO 110°C)
ACCURACY	±2% OF DISPLAY VALUE
REPEATABILITY	±1% OF DISPLAY VALUE
ENVIRONMENTAL PRESSURE	100 PSI MAX (690 kPa MAX)
•ACCURACY AND REPEATABILITY FIGURES ARE BASED ON THE FULL SCALE OF THE RANGE.	



ITEM NUMBER	CONNECTION SIZE	FLOW RANGE		MAX DIMENSIONS (MM/IN)							
		GPM	LPM	L		H		W		C	
				MM	INCH	MM	INCH	MM	INCH	MM	INCH
DDS3BB	3/8" BSP	0-8	0-30	87	3.42	58	2.27	42	1.67	21	0.83
DDS6BB	3/4" BSP	2-20	8-76	121	4.75	94	3.70	57	2.25	29	1.13
DDS8BB	1" BSP	3-30	11-114								
DDS12BB	1-1/2" BSP	6.5-60	25-228	140	5.50	118	4.65	76	3.00	38	1.50
DDS16BB	2" BSP	10-110	38-418								

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