



Insertion Electromagnetic Flow Sensor

No Moving Parts, Durable, Easy Installation & Maintenance, 1 to 12" Pipe
(25 to 305 mm)

Models Select Chart

EXAMPLE	EFS2	1	P	RFO	Series EFS2-1P-RFO Insertion Electromagnetic Flow Sensor
SERIES	EFS2				Insertion Electromagnetic Flow Sensor
SIZE		1 2 3			1 to 3 inch pipe 4 to 10 inch pipe 12 in pipe
MATERIAL			B P S		Brass PVC 316SS
OPTIONS				FOR IMM LOP RFO	Fluoroelastomer o-ring Immersible Low power Reverse flow output

Specification:-	
Service	: Compatible clean or dirty non-coating, conductive liquids.
Range	: 0.28 to 20 ft/s (0.08 to 6.09 m/s).
Wetted Materials	: Sensor: 316 SS, brass or PVC; Electrodes: Hastelloy®, metal; Electrode Cap: PVDF; O-ring: EPDM (fluoroelastomer optional).
Accuracy	: ±1% FS.
Temperature Limit	: Process: Brass/SS: 32 to 200°F (0 to 93°C); PVC: 32 to 130°F (0 to 55°C); Ambient: 0 to 160°F (-17 to 72°C).
Pressure Connection	: See Series EFF .
Pressure Limit	: Brass/SS: 200 psi (13.8 bar); PVC: 150 psi (10 bar).
Output	: Current sinking, square wave pulse, opto-isolated, 550 Hz @ 20 ft/s,
Power Requirements	: 12 to 25 VDC @ 250 mA; (12 to 25 VDC @ 40

		mA (max. 250 mA) - LOP option).
Electrical Connection	:	Terminal block.
Conductivity	:	≥ 20 microSiemens/cm.
Enclosure Material	:	Housing: Die-cast Powder-coated aluminum.
Enclosure Rating	:	NEMA 4X (IP66).
Weight	:	3 lb (1361 g).