

EZ-View[®] Flow Meters

With Flow-Alert[™] Flow Switch

- Reed switch and latching models
- Automatically signals alarm, if flow is too high or too low
- Models available for AC or DC power supply
- Latching model includes Hirschmann type electrical connector
- Easy to install
- Easy flow limit adjustment
- Operates in any position
- Relatively insensitive to shock and vibration
- Repeatability within $\pm 1\%$
- Low cost

SPECIFICATIONS:

MATERIALS:

Radel[®] R plastic body; polysulfone piston and cone
 T300-series stainless spring
 Buna N flow indicator ring and pressure seals
 C360 Brass or PVC fittings
 Polypropylene limit indicators
 Strontium Ferrite magnet

FITTINGS/ THREADS: NPT ANSI/ASME B1.20.1, BSPP ISO228

See Ordering Information Table, page 76

TEMPERATURE RANGE: +32 °F to +250 °F (0 °C to +121 °C)

PRESSURE RATING: 325 psi / 22.4 bar maximum

PRESSURE DROP: See Differential Pressure Chart, page 74

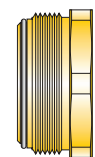
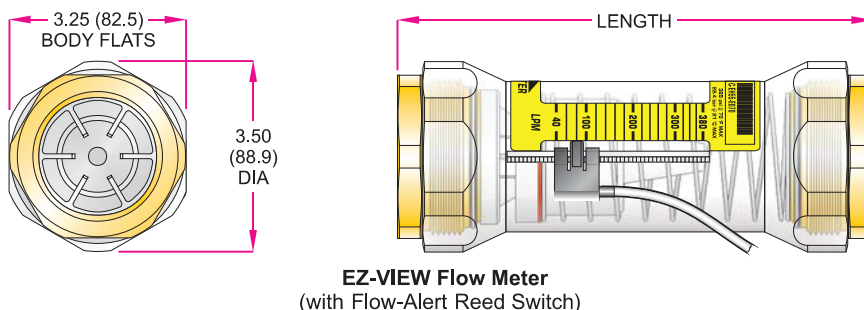
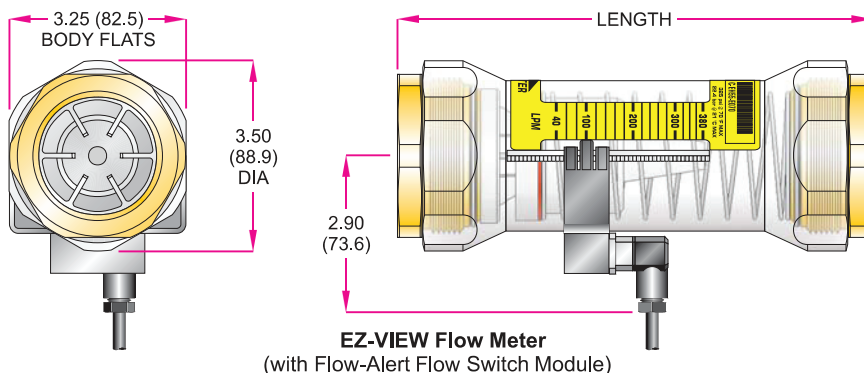
ACCURACY: $\pm 5\%$ of full scale

REPEATABILITY: $\pm 1\%$

DIMENSIONS: See Ordering Information Table, page 76



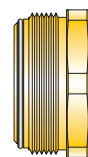
EZ-View with Radel[®] R body



1 1/2" NPTF female brass fitting



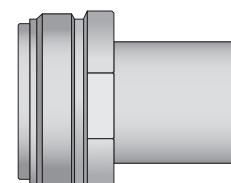
1 1/2" BSPP female brass fitting



2" NPTF female brass fitting



2" BSPP female brass fitting



2" PVC socket weld fitting ①

① Meters with Type 1 PVC fittings:

Pressure rating per normal PVC system specifications
 Temperature range +32 °F to +140 °F (0 °C to +60 °C)

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EZ-View® Flow Meters

With Flow-Alert™ Flow Switch

Flow Switch Options and Specifications:

The AC and DC powered Flow-Alert Flow Switch modules consist of a latching relay circuit housed in a sealed polypropylene enclosure. The modules have a normally open dry relay contact that can be used to directly control alarms, warning lights, relays or be used to interface to a PLC. The relay will be latched on as the magnet inside the flow meter passes by the module, and remain latched on until the magnet passes in the other direction or power is interrupted. The set point is adjustable from 0 to 100% of full scale.

The Reed Switch Flow-Alert modules are housed in a sealed polypropylene enclosure. The reed switch module does not provide the latching function like the AC and DC powered units. When the magnet inside the flow meter comes within proximity of the module, the reed switch will change state. The set point is adjustable from 0 to 100% full scale. Two reed switches providing low flow and high flow set points may be installed on a single flow meter.

	AC Latching	DC Latching	Reed Switch Form-A Normally Open (NO)	Reed Switch Form-B Normally Closed (NC)	Reed Switch Form-C
Operating Voltage	115 VAC ±10%	10-30 VDC	–	–	–
Operating Current	25 mA maximum	25 mA maximum	–	–	–
Contact Rating	1A @ 30 VDC 0.5A @ 125 VAC Resistive Load	1A @ 30 VDC 0.5A @ 125 VAC Resistive Load	1A max 200 VDC max 15 Watts max Resistive Load	0.25A max 175 VDC max 5 Watts max Resistive Load	0.25A max 175 VDC max 5 Watts max Resistive Load
Operating Temperature	+32 to +158 °F (0 to +70 °C)	+32 to +158 °F (0 to +70 °C)	+32 to +250 °F (0 to +121 °C)	+32 to +250 °F (0 to +121 °C)	+32 to +250 °F (0 to +121 °C)
Connector	4-pin connector (Protection Class IP65)	4-pin connector (Protection Class IP65)	–	–	–
Cable	Not Included	Not Included	3 foot, 2-wire #24 AWG black PVC Jacketed pig-tail	3 foot, 2-wire #20 AWG grey PVC Jacketed pig-tail	3 foot, 3-wire #24 AWG grey PVC Jacketed pig-tail
Rating	NEMA 12 & 13 (IP65)	NEMA 12 & 13 (IP65)	NEMA 12 & 13 (IP65)	NEMA 12 & 13 (IP65)	NEMA 12 & 13 (IP65)
Certification	N/A	EMC Directive 89/336/EEC	EMC Directive 89/336/EEC	EMC Directive 89/336/EEC	EMC Directive 89/336/EEC
Model Number	H526-004	H526-006	H526-008-NO	H526-008-NC	H526-008

NOTE: Flow switches and flow meters sold separately

Ordering Information

Fluid Media	Flow Range		1½" NPTF female, brass fitting	1½" BSPP female, brass fitting	2" NPTF female, brass fitting	2" BSPP female, brass fitting	2" PVC socket weld fitting ^①
	GPM	LPM					
Oil 0.876 s.g.	2 – 25	10 – 95	H615-725-R	H616-725-R	H617-725-R	H618-725-R	
	5 – 50	20 – 190	H615-750-R	H616-750-R	H617-750-R	H618-750-R	
	7 – 75	30 – 280	H615-775-R	H616-775-R	H617-775-R	H618-775-R	
	10 – 100	40 – 380	H615-710-R	H616-710-R	H617-710-R	H618-710-R	
Water 1.0 s.g.	2 – 25	10 – 95	H615-625-R	H616-625-R	H617-625-R	H618-625-R	H619-625-R
	5 – 50	20 – 190	H615-650-R	H616-650-R	H617-650-R	H618-650-R	H619-650-R
	7 – 75	30 – 280	H615-675-R	H616-675-R	H617-675-R	H618-675-R	H619-675-R
	10 – 100	40 – 380	H615-610-R	H616-610-R	H617-610-R	H618-610-R	H619-610-R
DIMENSIONS:	Length ^② in (mm)		8.72 (221.5)	8.72 (221.5)	8.72 (221.5)	8.72 (221.5)	11.48 (291.6)
	Fitting Flats in (mm)		3.00 (76.2)	3.00 (76.2)	3.00 (76.2)	3.00 (76.2)	N/A
	Weight lb (kg)		4.10 (1.86)	4.10 (1.86)	3.10 (1.41)	3.10 (1.41)	1.70 (0.77)

^① Fits 2" Sch 40/80 PVC, CPVC pipe.

^② Length includes end fitting.

NOTE: Flow switches and flow meters sold separately