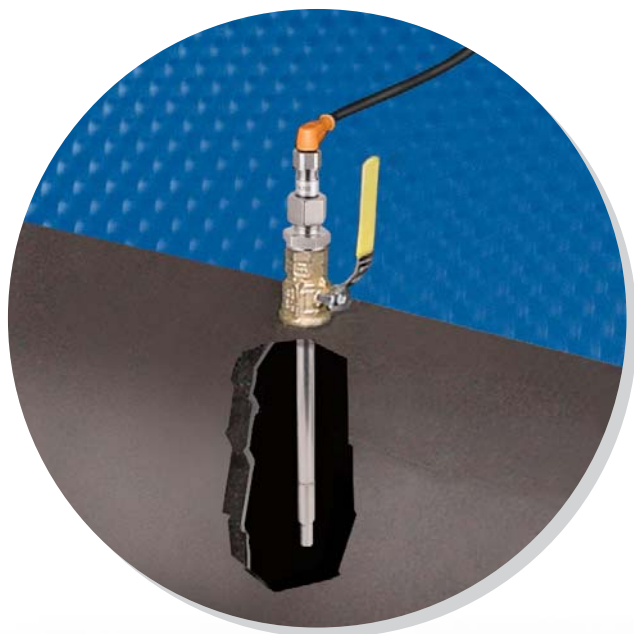




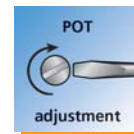
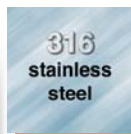
Flow Switch Kit for HVAC Applications



ifm efector's adjustable, extended-length sensor probe system reliably monitors flow in an HVAC chiller application.

Retrofits mechanical flow switches Easy to wire, no moving parts

- Monitoring kit includes sensor, control monitor, adapter and 30 ft cable
- Designed for a variety of HVAC applications including chiller flow detection
- Optional temperature and wire-break outputs
- Flow and temperature switch points established via potentiometer
- LED bar graph display for status indication



Introduction

ifm efector's remote flow monitoring system is a solid-state solution to mechanical flow switches or mechanical differential pressure switches. With no moving parts or paddles to stick or break, ifm's flow monitor provides reliable flow detection in a variety of HVAC equipment including chillers, heat exchangers, and cooling and heating loops.

Complete flow monitoring system kit

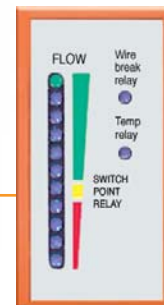
The kit includes an extended-length flow probe, cabinet-mounted control monitor, 1/2" NPT adapter and 30 ft cable. The 110 VAC control monitor is simple to wire, offers easy-to-access terminal connections, and can be wired prior to installing inside the control cabinet. The connection to the flow probe is low-voltage and does not require a conduit for protection.

Retrofits mechanical flow switches

The 316 stainless steel probe system is easy to mount and offers an adjustable insertion depth for pipe diameters 4" and larger.

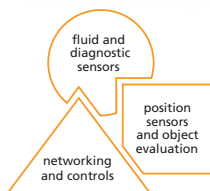


ifm efector's remote flow monitoring system includes flow sensor probe, Din-rail mountable control monitor, adapter and 30 ft cable.



LED bar graph display provides status indication

The control monitor's LED display provides a visual indication of flow and flow setpoint. Separate LEDs indicate temperature and wire-break relay output.





Retrofit flow switch kit



Part No.

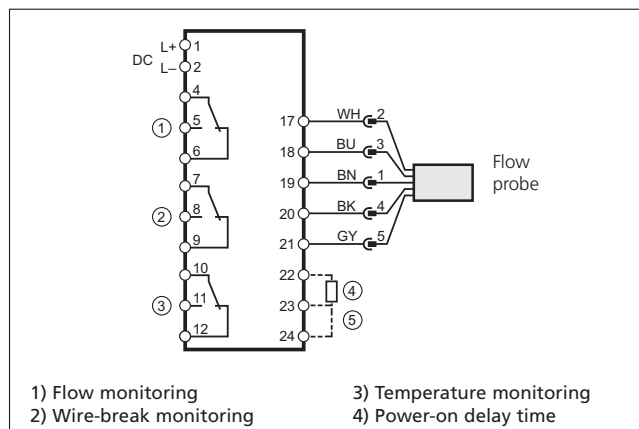
U 40100

Kit includes:
control monitor,
flow probe,
adapter, and
connector

Specifications

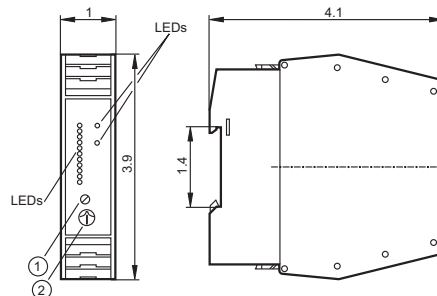
Setting range	(ft/min)	5...590
Greatest sensitivity	(ft/min)	5...118
Operating voltage	[V]	85...265 AC
Power consumption	[VA]	4
Output when flow is present		Relay energized
Output in case of wire break		Relay de-energized
Contact rating Relay outputs		4 A (250 V AC / 30 V DC)
Adjustment of the switch point		with potentiometer
Pressure rating	[psi]	435
Medium temperature	[°F]	-13...176
Process connection		1/2" NPT
Wetted parts		316 Stainless steel

Wiring diagrams of the units



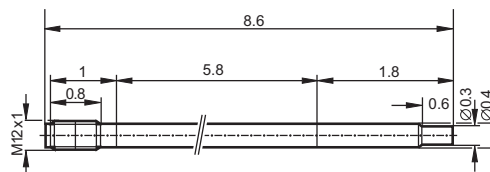
Dimensions (inches)

Control monitor
Part No. SN0150

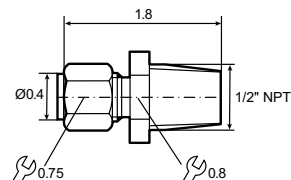


1) Potentiometer (switch point flow)
2) Potentiometer (switch point temperature)

Flow probe
Part No. SF6200



Adapter
Part No. E40174



Cable - 30 ft
Part No. EVC075

