

ESF SEAL WATER MONITOR

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ESF DATASHEET



For water flows up to 3.5 gallons per minute.

Clog resistant flow control valve and large flow channels.

APPLICATIONS

- Seal flush systems
- Single and double mechanical seals
- Gland packings
- Flow measurement

FEATURES

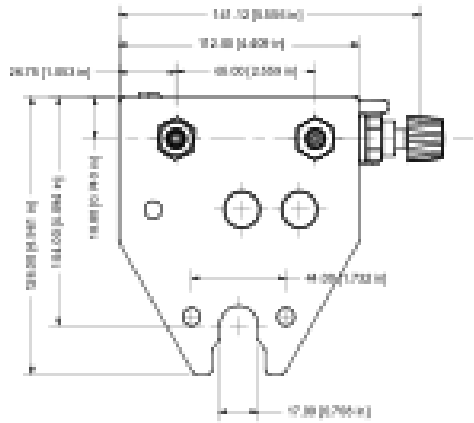
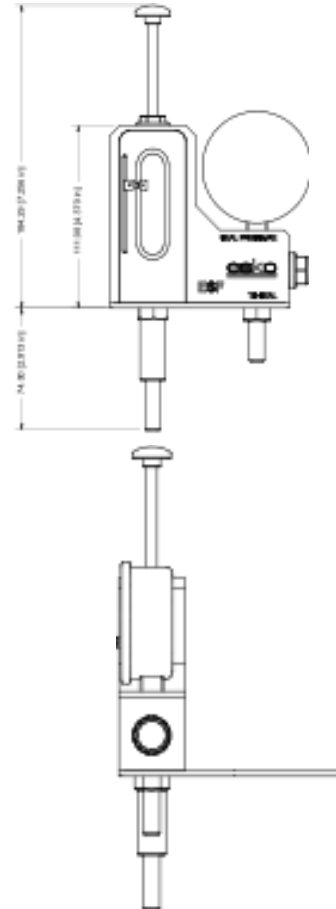
- Solid and reliable
- Extra large flow channels
- Clog resistant flow control valve
- Built-in tube cleaner
- Alarm ready
- Freeze resistant PSU tube available

ESF SEAL WATER MONITOR

SPECIFICATIONS

MODEL	ESF-P	ESF-K
BODY MATERIAL	DELRIN® (POM)	KYNAR® (PVDF)
Metering tube	Polysulphone (PSU), Borosilicate glass or PES	PES, Polysulphone (PSU) or Borosilicate glass
Metallic parts	SS316 or SS304	SS316 or SS304
O-ring seals	Viton® or EPDM	Viton® or EPDM
Maximum pressure	435 PSI	435 PSI
Maximum temperature	212°F / 100°C (with PSU)	266°F / 130°C (with PSU)
Connections	3/8" or 1/2" hose barbs 3/8" OD straight tubes 3/8" compression fittings (with nut and 2 ferrules) 1/4" NPT male or female threads	
Weight	3.5 lb (1.5 kg) (complete with pressure gauge, pressurizing valve and packaging)	
Build options	Body material, metering tube, metallic parts, o-ring seals, connections	
Optional accessories	Inductive adjustable alarm sensor and holder, pressure gauge (with optional red set pointer), floor mounting stand, pressurizing valve.	

SEAL WATER MONITOR		ESF	-						
SINGLE FLOW MONITOR									
1 LPM	20 GPH								120
3 LPM	50 GPH								350
8 LPM	2 GPM								82
13 LPM	3.5 GPM								1335
BODY MATERIAL		Delrin (POM)							P
		Kynar (PVDF)							K
CONNECTION TYPE									
3/8" ID hosebarb									H
1/4" NPT/M adapter									M
1/4" NPT/F adapter									N
1/2" OD straight tube									O
3/8" ID hosebarb									R
3/8" OD straight tube									S
3/8" compression fittings (c/w nut & ferrules)									T
10mm ID hosebarb									W
1/2" compression fittings (c/w nut & ferrules)									Y
PRESSURE GAUGE		15 psi							A
		30 psi							B
		60 psi							C
		100 psi							D
		160 psi							E
		200 psi							F
		300 psi							G
		400 psi							H
		100 psi with red set pointer							I
		160 psi with red set pointer							J
		200 psi with red set pointer							K
		300 psi with red set pointer							L
		400 psi with red set pointer							M
		No pressure gauge							X
OPTIONS		Pressurizing valve (for double seal)							P
		No pressurizing valve							X
STAND		Floor mounting stand							S
		No stand							X
ALARMS		Alarm 10-55 VDC 150 mA (IG 5919)							A
		Alarm 20-250 VAC/DC 300 mA (IG 0374)							B
		No alarm							X



HOW TO SPECIFY MODEL NUMBER, an EXAMPLE: ESF82-PHXPS

ESF for 2 GPM with POM end blocks, 3/8" fittings and stand:

1. Specify flow rate up to 2 GPM
2. Select end block material **P** for Delrin (POM)
3. Specify connection type **H** 3/8" ID hosebarb
4. No pressure gauge, insert **X** in model number
5. Pressurizing valve insert **P**
6. Add option **S** for floor mounting stand
7. No alarm, leave off trailing **X** at end

ESF82
ESF82-P
ESF82-PH
ESF82-PHX
ESF82-PHXP
ESF82-PHXPS
ESF82-PHXPS



BODY MATERIALS



FITTINGS



PRESSURE GAUGE



ALARM SENSOR