

# FLOWMETER | DATA SHEET



## SAVE RESOURCES AND PROTECT SEAL FLUSH SYSTEMS

### For Models ESF and EDF

#### Features and Benefits:

- Precise Seal Water Control: Ensures uninterrupted seal water flow for optimal cooling and lubrication in mechanical seal applications.
- Versatility: Compatible with all seal makes and types, designed for various applications.
- Modular Construction: Customizable with multiple options to suit specific operational needs.

#### Available Options:

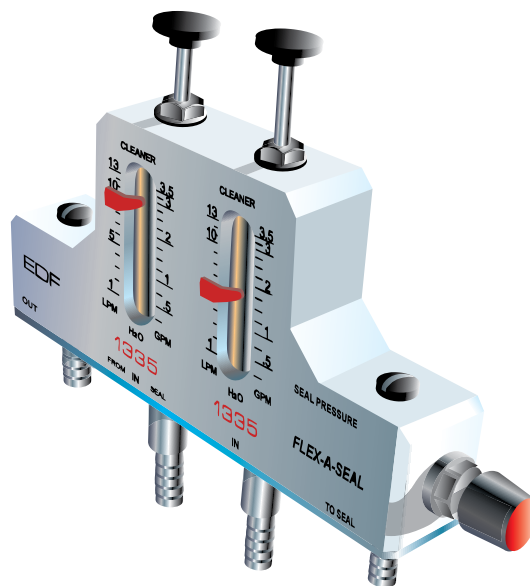
- Glass tube for high visibility and durability.
- Inductive adjustable alarm for real-time monitoring.
- Integrated pressure gauge for system diagnostics.
- Floor mounting stand for stable installation.
- Hose barb connectors and straight tube connectors for 3/8" compression fittings.

#### Design Advantages:

- Clear, detachable metering scale for accurate flow measurement.
- Built-in pressure control valve for easy operation and adjustment.

## MATERIALS OF CONSTRUCTION

Body	POM (standard) or PVDF (Kynar)
Metering Tube	Polysulphone (PSU)
Metal Parts	AISI 316 and AISI 329
Seals	Viton® O-rings



- Alarm-ready design compatible with warning systems.
- Clog-resistant flow control valve for consistent performance.
- Integrated tube cleaner with durable polysulfone tubing.

#### Ease of Installation:

- Three connector options for flexibility in various setups.
- Universal mounting bracket for straightforward and secure installation.
- Straight-line connectors for easy access and maintenance.

## OPERATING PARAMETERS

Max Temp	212°F (100°C): POM body 266°F (130°C): PVDF(Kynar) body
Max Pressure	435 psi @ 120°F
Connections	Standard 3/8" ID hose optional 3/8" OD tube (for compression fitting)

\*Max Temperature / pressure indicate operating extremes independently and do not imply the seal will function at these extremes at the same time. Contact Flexaseal if in doubt.

ESF		SINGLE FLOWMONITOR	
EDF		DOUBLE FLOWMONITOR	
350 -		3LPM	50USGPH
120 -		1LPM	20USGPH
1335-		13LPM	3.5USGPM
82 -		8LPM	2USGPM
P		POM BODY MATERIAL STANDARD	
K		KYNAR BODY MATERIAL	
H		3/8"ID HOSEBARB	
T		3/8" TUBE COMPRESSION FITTING	
S		3/8"OD STRAIGHT TUBE	
X		NO PRESSURE GAUGE	
A		15PSI PRESSURE GAUGE	
B		30PSI	
C		60PSI	
D		100PSI	
E		160PSI STANDARD	
F		200PSI	
G		300PSI	
H		400PSI	
I		100PSI WITH RED SET POINTER	
J		160PSI WITH RED SET POINTER	
K		200PSI WITH RED SET POINTER	
L		300PSI WITH RED SET POINTER	
M		400PSI WITH RED SET POINTER	
X		NO PRESSURIZING VALVE	
P		PRESSURIZING VALVE (FOR double seal with ESF MODEL)	
X		NO STAND	
S		STAND	
X		NO ALARM	
A		ALARM 10-55VDC 150mA	
B		ALARM 20-250VAC/DC 300mA	
<b>OPTIONAL SEAL KIT ITEMS</b>			
X		NO FITTING	
A		1/4"NPT X 3/8"ID HOSEBARB (AD1/4N3/8H)	
B		3/8"NPT X 3/8"ID HOSEBARB (AD3/8N3/8H)	
C		1/2"NPT X 3/8"ID HOSEBARB (AD1/2N3/8H)	
D		1/4"R X 3/8"ID HOSEBARB (AD1/4R3/8H)	
E		3/8"R X 3/8"ID HOSEBARB (AD3/8R3/8H)	
F		1/2"R X 3/8"ID HOSEBARB (AD1/2R3/8H)	
X		NO HOSE	
1		QTY (1) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)	
2		QTY (2) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)	
3		QTY (3) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)	
4		QTY (4) 5 FOOT LENGTH HOSE C/W SS HOSE BARB CLAMPS (HO3/8X300X5)	
X		NO CHECK VALVE	
A		1/4"NPT X 3/8"ID HOSEBARB CHECKVALVE ES-2029-1	
B		3/8"NPT X 3/8"ID HOSEBARB CHECKVALVE ES-2029	
C		1/2"NPT X 3/8"ID HOSEBARB CHECKVALVE ES-2004	
D		1/4"NPT X 3/8" TUBE COMPRESSION FITTING CHECKVALVE ES-	
E		3/8"NPT X 3/8" TUBE COMPRESSION FITTING CHECKVALVE ES-2075	
F		1/2"NPT X 3/8" TUBE COMPRESSION FITTING CHECKVALVE ES-2074	
X		NO FITTING	
A		1/4"NPT X 3/8"ID HOSEBARB (AD1/4N3/8H)	
B		3/8"NPT X 3/8"ID HOSEBARB (AD3/8N3/8H)	
C		1/2"NPT X 3/8"ID HOSEBARB (AD1/2N3/8H)	
D		1/4"R X 3/8"ID HOSEBARB (AD1/4R3/8H)	
E		3/8"R X 3/8"ID HOSEBARB (AD3/8R3/8H)	
F		1/2"R X 3/8"ID HOSEBARB (AD1/2R3/8H)	
X		NO FITTING	
A		1/4"NPT X 3/8"ID HOSEBARB (AD1/4N3/8H)	
B		3/8"NPT X 3/8"ID HOSEBARB (AD3/8N3/8H)	
C		1/2"NPT X 3/8"ID HOSEBARB (AD1/2N3/8H)	
D		1/4"R X 3/8"ID HOSEBARB (AD1/4R3/8H)	
E		3/8"R X 3/8"ID HOSEBARB (AD3/8R3/8H)	
F		1/2"R X 3/8"ID HOSEBARB (AD1/2R3/8H)	

(All sizes in inches)