

## EDF DUAL SEAL WATER MONITOR

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EDF DATASHEET

For applications requiring uninterrupted seal water flow for cooling and lubrication.

Save resources, extend seal life.

### 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
- Excellent corrosion and heat resistance

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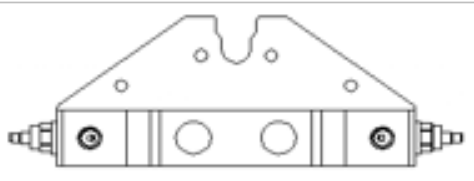
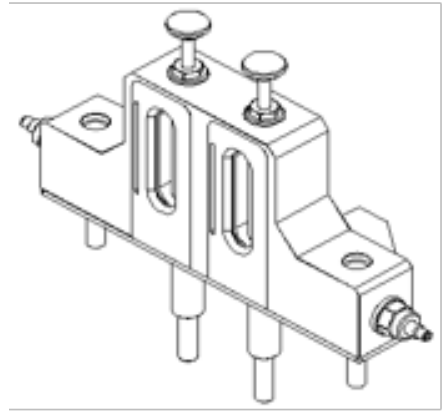
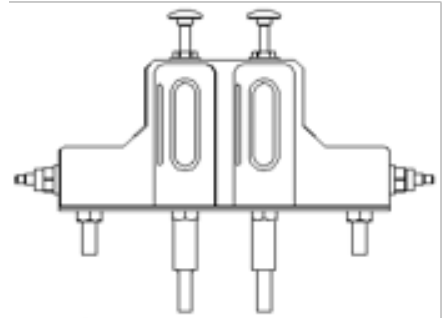
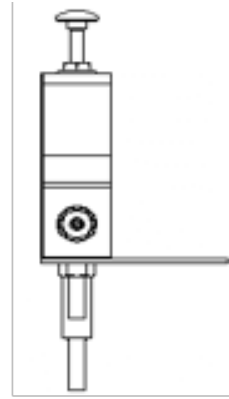


### SPECIFICATIONS

| MODEL                | EDF-P   | EDF-K   |
|----------------------|---|---|
| <b>BODY MATERIAL</b> | <b>DELRIN® (POM)</b>  | <b>KYNAR® (PVDF)</b>                          |
| 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<br>3/8" OD straight tubes<br>3/8" compression fittings (with nut and 2 ferrules)<br>1/4" NPT male or female threads |   |
| Weight               | 5 lb (2.3 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      |   |

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|  |         |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|--|---------|--|---|--|--|--|--|--|----------|--|--|--|--|--|--|--|--|--|--|--|
| <b>SEAL WATER MONITOR</b>                  |         | <b>EDF</b>                                     | - |  |  |  |  |  | <b>X</b> |  |  |  |  |  |  |  |  |  |  |  |
| <b>DUAL FLOW MONITOR</b>                   |         |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| 1 LPM                                      | 17 GPH  |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| 3 LPM                                      | 50 GPH  |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| 8 LPM                                      | 2 GPM   |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| 13 LPM                                     | 3.5 GPM |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| <b>BODY MATERIAL</b>                       |         | Delrin® (POM)                                  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | Kynar® (PVDF)                                  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| <b>CONNECTION TYPE</b>                     |         |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 3/8" ID hosebarb                               |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 1/4" NPT/M adapter                             |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 1/4" NPT/F adapter                             |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 1/2" OD straight tube                          |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 1/2" ID hosebarb                               |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 3/8" OD straight tube                          |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 3/8" compression fittings (c/w nut & ferrules) |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 10mm hosebarb                                  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 1/2" compression fittings (c/w nut & ferrules) |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| <b>PRESSURE GAUGE</b>                      |         | 15 psi   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 30 psi   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 60 psi   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 100 psi  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 160 psi  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 200 psi  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 300 psi  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 400 psi  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 100 psi with red set pointer                   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 160 psi with red set pointer                   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 200 psi with red set pointer                   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 300 psi with red set pointer                   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | 400 psi with red set pointer                   |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | No pressure gauge                              |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| <b>PRESSURIZING VALVE, standard on EDF</b> |         |  |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| <b>STAND</b>                               |         | Floor mounting stand                           |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | No stand                                       |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
| <b>ALARMS</b>                              |         | Alarm 10-55 VDC 150 mA (IG 5919)               |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | Alarm 20-250 VAC/DC 300 mA (IG 0374)           |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | Dual Alarm 10-55 VDC 150 mA                    |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | Dual Alarm 20-250 VAC/DC 300 mA                |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |
|  |         | No alarm                                       |   |  |  |  |  |  |          |  |  |  |  |  |  |  |  |  |  |  |



**HOW TO SPECIFY MODEL NUMBER, an EXAMPLE: EDF1335-PTXXS**

**EDF** for 3.5 GPM with POM end blocks, 3/8" compression fittings and stand:

- |   |                      |
|---|----------------------|
| 1. Specify flow rate up to 3.5 GPM                              | <b>EDF1335</b>       |
| 2. Select end block material <b>P</b> for Delrin® (POM)         | <b>EDF1335-P</b>     |
| 3. Specify connection type <b>T</b> 3/8" compression fittings   | <b>EDF1335-PT</b>    |
| 4. No pressure gauge, insert <b>X</b> in model number           | <b>EDF1335-PTX</b>   |
| 5. Pressurizing valve standard, insert <b>X</b> in model number | <b>EDF1335-PTXX</b>  |
| 6. Add option <b>S</b> for floor mounting stand                 | <b>EDF1335-PTXXS</b> |
| 7. No alarm, leave off trailing <b>X</b> at end                 | <b>EDF1335-PTXXS</b> |



BODY MATERIALS



MOUNTING STAND



PRESSURE GAUGE



ALARM SENSOR(S)