

# EZ-View® Flow Meters

## For Oil and Water

- 1/2 to 1 inch ports
- EZ to install, in any position
- Polysulfone bodies for standard applications or Radel® R for more aggressive media
- No special piping or flow straighteners needed
- No electrical connections
- Direct reading indication
- Accuracy within 5% full scale
- Relatively insensitive to shock and vibration

### SPECIFICATIONS:

#### MATERIALS:

Polysulfone plastic body, piston and cone

Radel® R plastic body and cone, polysulfone piston

#### COMMON PARTS:

**Spring:** T300-series stainless

**Indicator Ring:** Buna N

**Pressure Seals:** Buna N

**Fittings:** C360 brass, PVC, or T303 stainless steel

**Limit Indicators:** Polypropylene

**Retaining Ring:** PH15 – 7MO stainless

#### OPTIONAL (consult factory):

**Spring and Retaining Ring:** Teflon® coated

**FITTINGS/ THREADS:** NPT ANSI/ASME B1.20.1, BSPT ISOR7

See Ordering Information Table, page 64

**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 Charts, page 64

**ACCURACY:** ±5% of full scale

**REPEATABILITY:** ±1%

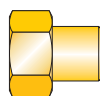
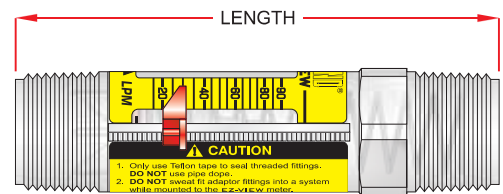
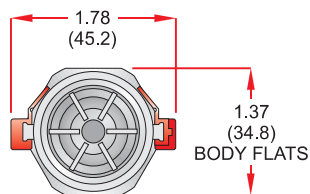
**DIMENSIONS:** See Ordering Information Table, page 64



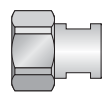
EZ-View with  
Polysulfone body



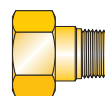
EZ-View with  
Radel® R body



1/2" NPTF/BSPT  
female, swivel  
brass fitting



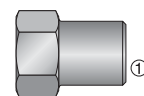
1/2" NPTF  
female, swivel  
T303 SS fitting



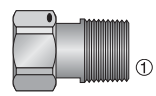
3/4" NPTF/BSPT  
male, swivel  
brass fitting



3/4" or 1"  
swivel, sweat  
brass fitting



1" nominal  
socket weld  
PVC fitting



1" NPTF  
male, swivel  
PVC fitting

① Meters with Type 1 PVC fittings:

Pressure rating per normal PVC system specifications

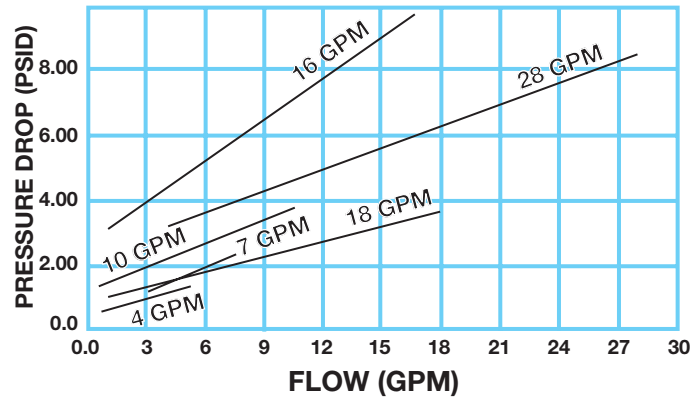
Temperature range +32 °F to +140 °F (0 °C to +60 °C)

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Radel is a registered trademark of Union Carbide Corporation.

# EZ-View® Flow Meters

## For Oil and water

### OIL & WATER METERS



### Ordering Information

| Fluid Media       | Flow Range            |          | 1/2" NPTF female, swivel brass fitting | 1/2" NPTF female, swivel T303 SS fitting | 1/2" BSPT female, swivel brass fitting | 3/4" NPTF male, swivel brass fitting | 3/4" BSPT male, swivel brass fitting | 3/4" or 1" ① nominal, swivel sweat brass fitting | 1" NPTF ② male, plastic polysulfone fitting | 1" nominal ③ socket weld PVC fitting | 1" NPTF male, swivel PVC fitting | Material    |         |
|-------------------|-----------------------|----------|----------------------------------------|------------------------------------------|----------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------------------|---------------------------------------------|--------------------------------------|----------------------------------|-------------|---------|
|                   | GPM                   | LPM      |                                        |                                          |                                        |                                      |                                      |                                                  |                                             |                                      |                                  | Polysulfone | Radel R |
| Oil<br>0.876 s.g. | 0.5 - 4               | 2 - 15   | H624-104                               | H626-104                                 | H627-104                               | H625-104                             | H630-104                             |                                                  | H621-104                                    | H628-104                             | H629-104                         | STD         | -R      |
|                   | 1.0 - 7               | 4 - 26   | H624-107                               | H626-107                                 | H627-107                               | H625-107                             | H630-107                             |                                                  | H621-107                                    | H628-107                             | H629-107                         |             |         |
|                   | 1.0 - 10              | 4 - 35   | H624-110                               | H626-110                                 | H627-110                               | H625-110                             | H630-110                             |                                                  | H621-110                                    | H628-110                             | H629-110                         |             |         |
|                   | 1.0 - 16              | 5 - 60   | H624-116                               | H626-116                                 | H627-116                               | H625-116                             | H630-116                             |                                                  | H621-116                                    | H628-116                             | H629-116                         |             |         |
|                   | 3.0 - 18              | 15 - 65  |                                        |                                          |                                        | H625-118                             | H630-118                             |                                                  | H621-118                                    | H628-118                             | H629-118                         |             |         |
|                   | 4.0 - 28              | 20 - 100 |                                        |                                          |                                        | H625-128                             | H630-128                             |                                                  | H621-128                                    | H628-128                             | H629-128                         |             |         |
| Water<br>1.0 s.g. | 0.5 - 4               | 2 - 15   | H624-004                               | H626-004                                 | H627-004                               | H625-004                             | H630-004                             | H620-004                                         | H621-004                                    | H628-004                             | H629-004                         | STD         | -R      |
|                   | 1.0 - 7               | 4 - 26   | H624-007                               | H626-007                                 | H627-007                               | H625-007                             | H630-007                             | H620-007                                         | H621-007                                    | H628-007                             | H629-007                         |             |         |
|                   | 1.0 - 10              | 4 - 35   | H624-010                               | H626-010                                 | H627-010                               | H625-010                             | H630-010                             | H620-010                                         | H621-010                                    | H628-010                             | H629-010                         |             |         |
|                   | 1.0 - 16              | 5 - 60   | H624-016                               | H626-016                                 | H627-016                               | H625-016                             | H630-016                             | H620-016                                         | H621-016                                    | H628-016                             | H629-016                         |             |         |
|                   | 3.0 - 18              | 15 - 65  |                                        |                                          |                                        | H625-018                             | H630-018                             | H620-018                                         | H621-018                                    | H628-018                             | H629-018                         |             |         |
|                   | 4.0 - 28              | 20 - 100 |                                        |                                          |                                        | H625-028                             | H630-028                             | H620-028                                         | H621-028                                    | H628-028                             | H629-028                         |             |         |
| DIMENSIONS:       | Length ④ in (mm)      |          | 7.75 (196.8)                           | 7.75 (196.8)                             | 7.75 (196.8)                           | 8.25 (209.5)                         | 8.25 (209.5)                         | 7.75 (196.8)                                     | 5.25 (133.3)                                | 8.46 (214.9)                         | 8.86 (225.0)                     |             |         |
|                   | Fitting Flats in (mm) |          | 1.50 (38.1)                            | 1.50 (38.1)                              | 1.50 (38.1)                            | 1.50 (38.1)                          | 1.50 (38.1)                          | 1.50 (38.1)                                      | N/A                                         | 1.54 (39.1)                          | 1.50 (38.1)                      |             |         |
|                   | Weight lb (kg)        |          | 0.95 (0.43)                            | 0.85 (0.39)                              | 0.95 (0.43)                            | 0.90 (0.41)                          | 0.90 (0.41)                          | 0.75 (0.34)                                      | 0.20 (0.09)                                 | 0.35 (0.16)                          | 0.55 (0.25)                      |             |         |

① Fits 3/4" copper tube types K, L, M; 1" copper tube type M only

② DO NOT use pipe dope. Use Teflon® tape only. Use with plastic fittings only.

③ Fits 1" Sch 40/80 PVC, CPVC pipe. Requires 1" pipe coupling.

④ Length includes end fittings.

(example) Polysulfone Model = **H 624 - 104**

Radel® R Model = **H 624 - 104 -R**