



Features

- Economical Brass Construction
- Highly Reliable
- Rugged Design
- ±1.0% Accuracy
- Pulsation and Vibration Damping Through Optional Glycerin Filling

The DRF22 pressure gauge series is a versatile bourdon tube based device with brass movement. Stainless steel and brass construction offers a good combination of corrosion resistance and value.

To make installation a snap, the DRF22 is offered with or without panel mounting bezel, and either bottom or rear ports. An optional glycerin filled housing makes the unit suitable for deployment with media prone to pulsation and vibration. With ranges reaching from -30" Hg to 10,000 PSIG, the DRF22 is the right fit for most pressure sensing applications.



Specifications

Ranges: -14.7 to 10,000 PSIG (see table)

Over Pressure Protection

Momentary: 1.15 to 1.3 x range max.

Sensing Element: bourdon tube

Accuracy: ±1.0% of full scale

Operating Temperature

Medium: freezing to 180°F

Ambient: freezing to 140°F

Fittings: 1/2" NPT

Materials of Construction

Wetted Parts

Element

< 1000 PSIG: Copper

1000 PSIG & Up: Stainless Steel

Fitting: CuZn Alloy

KOBOLD DRF22 Pressure Gauge

Exterior

- Movement:** Brass
- Housing:** 304 SS or aluminum
- Bezel:** 304 SS
- Pointer:** Black aluminum
- Indicator Dial:** White aluminum
- Window:** Safety glass

Options: Glycerin damped indicator assembly

DRF22 Ordering Information	
DRF22	= Copper Element High Pressure Bourdon Tube Pressure Gauge
-1	= 100 mm (4 inch) Dial Face, Bottom Process Connection
-2	= 100 mm (4 inch) Dial Face, Rear Process Connection
-3	= 100 mm (4 inch) Dial face, Rear Process Connection with Panel Mountable Bezel
Range	= Pressure Range Abbreviation
H00	= -30" to 0" Hg
115	= 15 PSIG
130	= 30 PSIG
160	= 60 PSIG
210	= 100 PSIG
216	= 160 PSIG
220	= 200 PSIG
230	= 300 PSIG
Available Measuring Ranges	
260	= 600 PSIG
310	= 1000 PSIG
320	= 2000 PSIG
330	= 3000 PSIG
350	= 5000 PSIG
410	= 10000 PSIG
F	= Optional glycerin damped indicator assembly (NOTE: DRF22-3xxxF comes with aluminum housing)
DRF22 -1 320 F	Sample DRF22 Specification

P1

Dimensions (mm)

