

Actual material certificates and certificate of conformance supplied as standard to EN 10204:2004 3.1

Type 1032 Fractional Sanitary Pressure Gauge



SEE NOTE (1)



FEATURES

- All-welded 316L SS Bourdon tube
- Welded 316L SS diaphragm and seal housing
- USP grade glycerin (99.5% pure, system fill) standard
- 304 SS electropolished case and ring
- Electropolished diaphragm & housing
- Individual calibration certificates provided on request (XC4)
- Liquid-filled performance with dry gauges available with Flutterguard™⁽¹⁾ lubricated movement⁽²⁾

Ashcroft® Type 1032 fractional sanitary pressure gauges have specifically been designed to meet the needs of the pharmaceutical, bio-tech, filtration, food and dairy markets. With a quick-connect clamp and diaphragm surface finish that is electropolished to 12-20RA (microinches) these instruments are also suitable for use in breweries, wineries and citrus juice production plants. With a small dial size and 3/4" Triclamp connection the 20-1032 is well suited for small scale pilot operations as well as space limited applications. The 20-1032 is only available as a dry gauge but with the Flutterguard™⁽¹⁾ lubricated movement option operators can have comparable protection without the issues or limitations associated with liquid-filled gauges.

(1) XZY Flutterguard design is not recommended for gauges expected to be exposed to temperatures over 200°F (93°C). This includes gauges subjected to autoclaving.

(2) Available on application. See PI page SA/PI-16 for more information.

SPECIFICATIONS

Dial Size: 2"

Accuracy: 3% upscale, up to 5% downscale

Case & Ring Material: 304 SS electropolished

Ring Type: Stainless steel, friction fit

Bourdon Tube and Socket Material: 316L SS

Diaphragm Material & Surface Finish: 316L SS, 12 to 20 RA (microinches) electropolished

Process Connection: 3/4" Tri-Clamp only

Connection Location: Lower only

System Fill: USP food grade glycerin standard. Other materials available

Window Material: Glass (acrylic and safety glass options available)

Pointer: Black-painted aluminum, non-adjustable

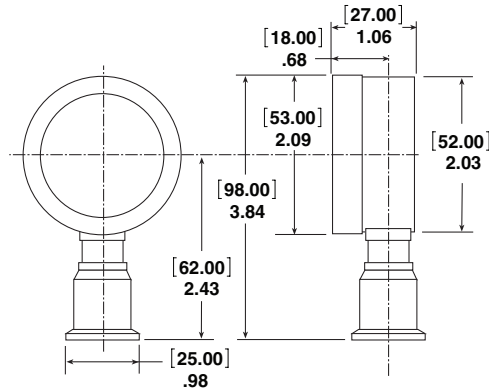
Dial: White with black markings

Movement: 300 SS

Ranges: 30# thru 600#, incl. vac/30 psi lowest. See PI page SA/PI-16 for standard ranges. Other ranges available on application

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DIMENSIONS



STANDARD PRESSURE RANGES

| Pressure | | | | |
|----------------|-------------|-----|-------------|-----|
| psi | Figure int. | | Minor grad. | |
| 0/30 | 5 | | 0.5 | |
| 0/60 | 10 | | 1 | |
| 0/100 | 10 | | 1 | |
| 0/160 | 20 | | 2 | |
| 0/200 | 40 | | 5 | |
| 0/300 | 50 | | 5 | |
| 0/400 | 100 | | 10 | |
| 0/600 | 100 | | 10 | |
| Compound | | | | |
| | Figure int. | | Minor grad. | |
| | in. Hg | psi | in. Hg | psi |
| 30" Hg/30 psi | 10 | 5 | 1 | 0.5 |
| 30" Hg/60 psi | 10 | 10 | 2 | 1 |
| 30" Hg/100 psi | 10 | 10 | 5 | 2 |

Order Coding Example

| 20 | 1032 | S | 75 | L | XSG | 100# |
|-------------|------|------------------------------------|----------------------------|------------------------|---|--|
| SIZE | TYPE | SYSTEM (TUBE & SOCKET) | PROCESS CONNECTION SIZE | CONNECTION LOCATION | OPTIONS (X VARIATIONS) | RANGE (psi) |
| (20) 2-inch | 1032 | (S) 316 SS Bourdon Tube and Socket | (75) 3/4" Tri-clamp® only | (L) Lower | (C4) Individual calibration chart (NH) St. St. Tag (NN) Paper tag bonded (PD) Acrylic window (SG) Safety glass window (ZY) ⁽¹⁾ Flutterguard lubricated movement application | 0-30 0-100 0-160 0-200 0-300 0-400 0-600 30"Hg/30# 30"Hg/60# 30"Hg/100# |

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