All welded Diaphragm Pressure Gauge
TETROPRESS 360



Special Features
- Low volume Bourdon tube minimises the effect of temperature changes on gauge accuracy
- Suitable for smaller diaphragm seals in low pressure applications
- No leak paths for improved long term reliability
- Welded design prevents accidental disassembly

Application
The TP360 features a compact, low volume Bourdon tube, allowing accurate pressure measurement using smaller diaphragm seals, which is not achievable with standard pressure gauges. This low volume design also reduces the impact of temperature variations on gauge accuracy.

Its all welded construction ensures the gauge cannot be accidentally detached from the diaphragm seal, protecting against disassembly and maintaining system integrity. By eliminating potential leak paths, the welded design also enhances long term reliability and provides peace of mind in critical applications.

Technical specifications
Mounting: A: bottom connection, direct mounting
Nominal size: 100
Accuracy class (EN 837-1/6)**:** 1,6 - 1,0
Operating temperature range: Medium: Max. 200°C
Ambient: -20/+60 °C
Degree of protection: IP 65 (EN 60529)
Connection: Stainless steel 316L, bottom, centre back or bottom back
Measuring element:
Bourdon tube, stainless steel 316 Ti/316L
≤ 60 bar: "C" type tube
> 60 bar: Helical tube
Tightness-tested with helium
Movement: Stainless steel
Dial: Aluminium, white, Scaling black
Pointer: Aluminium, black
Housing: Stainless steel 304, with blow-out
Bayonet bezel: Stainless steel 304
Window: Acrylic

Ranges
-1/+9 bar, -1/+5 bar, -1/+3 bar, 0/+4 bar, 0/+6 bar
0/+10 bar, 0/+16 bar, 0/+20 bar, 0/+25 bar, 0/+40 bar
Others on request

Process connections:
- Tri-clamp 1”, 1.5”, 2”, 3” (DIN 32676 A/C, ISO 2852)
- DIN female DN25, DN40, DN50, DN65 (DIN 11851)
- SMS 1”, 1.5”, 2”, 2.5” (1145)
- Varivent® Form F, N
- Tetroseal flanged seals (see datasheet)
- P2 Flush threaded plug seals (see datasheet)
- Others on request

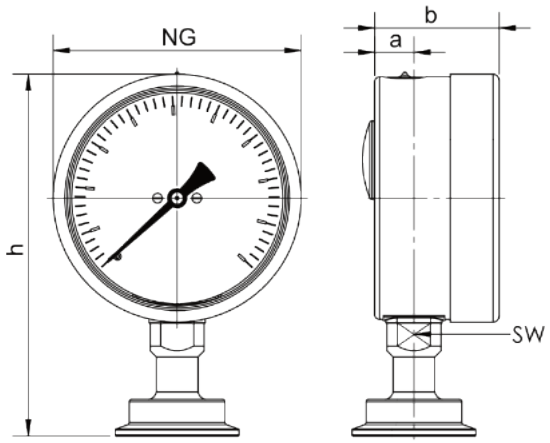
Options
- Special scales, dual scale
- Pulse Protection
- Electropolished wetted parts Ra <0.38 µm

Available certification
- 2.1 certificate of conformity
- 3.1 material certificate
- Test certificate for indication accuracy

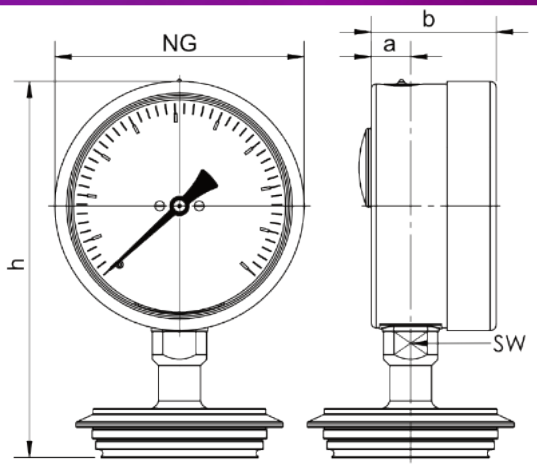
How to order
Please specify: model, range, connection, options, certificates
Example: TP360, 0/10 bar, 1” Tri-clamp

Web: www.pci-instruments.com | Email: sales@pci-instruments.com | Tel: +44 (0)1704 509090

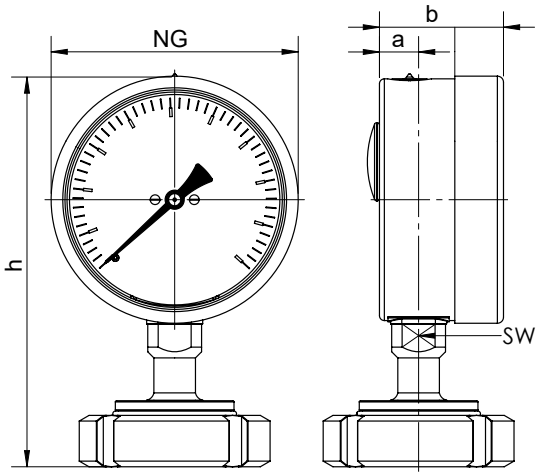
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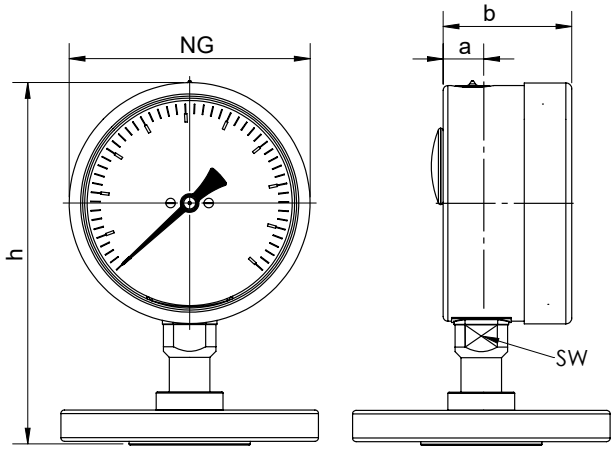
Dimensions (mm) Tri-clamp (DIN 32676 A/C, ISO 2852)				
NG	a	b	h	SW
100	15.6	49	≈148	22



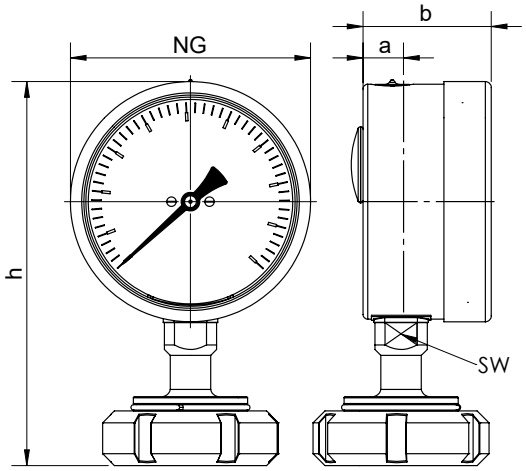
Dimensions (mm) VARIVENT® Compatible				
NG	a	b	h	SW
100	15.6	49	≈152	22



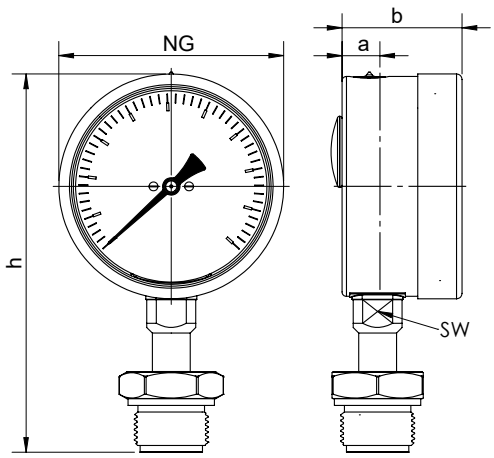
Dimensions (mm) DIN Female (DIN 11851)				
NG	a	b	h	SW
100	15.6	49	≈160	22



Dimensions (mm) Tetroseal Flanged Seal				
NG	a	b	h	SW
100	15.6	49	≈152	22



Dimensions (mm) SMS Female (1145)				
NG	a	b	h	SW
100	15.6	49	≈161	22



Dimensions (mm) P2 Flush Threaded Plug Seal				
NG	a	b	h	SW
100	15.6	49	≈170	22

Specifications are subject to change without notice

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