

Pressure Gauges / Manometer VG / VR Series

Product Features

- Pressure gauges are designed for general and laboratory applications involving the measurement of compressed gases compatible with the materials of construction.
- Gauges are used to monitor pressure of regulators and system.
- Tested for use with oxygen

Technical Data

Body Material	316L
Type	radial or axial direction
Working Temperature	-40°C ~ 60°C
Nominal diameter	2"
Connection	1/4" NPT(M)
Scale	bar /psig
Window	Laminated safety glass
Switching accuracy	+/- 2.5 % of full scale
Material of connection	SS316L
Leak rate	99.99%

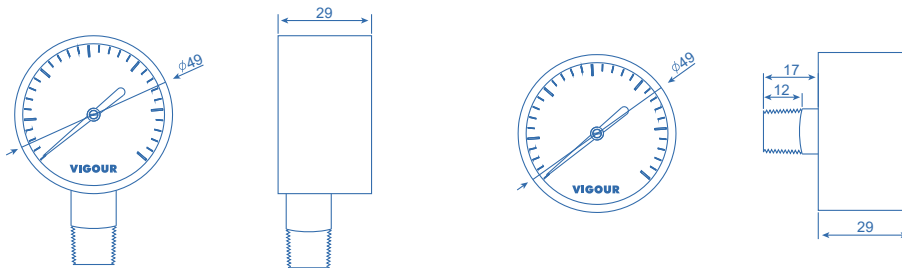


VG Series



VR Series

Dimensions (mm)



Ordering Information

Model No.		Pressure Range (bar / psig)	Description
Stainless Steel	Brass Chrome Plated		
VG20S-1.6B-M4	VG20C-1.6B-M4	0~1.6bar/0~23psig	bottom mount 1/4"MNPT inlet connection
VG20S-2.5B-M4	VG20C-2.5B-M4	0~2.5bar / 0~30 psig	
VG20S-4B-M4	VG20C-4B-M4	0~4bar / 0~60psig	
VG20S-6B-M4	VG20C-6B-M4	0~6bar / 0~86psig	
VG20S-10B-M4	VG20C-10B-M4	0~10bar/0~140psig	
VG20S-16B-M4	VG20C-16B-M4	0~16bar / 0~230psig	
VG20S-25B-M4	VG20C-25B-M4	0~25bar / 0~350psig	
VG20S-35B-M4	VG20C-35B-M4	0~35bar/0~500psig	
VG20S-60B-M4	VG20C-60B-M4	0~60bar / 0~860psig	
VG20S-100B-M4	VG20C-100B-M4	0~100bar/0~1500psi	
VG20S-150B-M4	VG20C-150B-M4	0~150bar/0~2000psi	
VG20S-250B-M4	VG20C-250B-M4	0~250bar / 0~3500psig	
VG20S-315B-M4	VG20C-315B-M4	0~315bar/0~4500psi	
VG20S-400B-M4	VG20C-400B-M4	0~400bar / 0~5800psig	
VG20S-V1.6B-M4	VG20C-V1.6B-M4	-1~1.6bar / 30 in Hg VAC ~ 23psig	
VG20S-V2.5B-M4	VG20C-V2.5B-M4	-1~2.5bar / 30 in Hg VAC ~ 30psig	
VG20S-V4B-M4	VG20C-V4B-M4	-1~4bar / 30 in Hg VAC ~ 60psig	
VG20S-V6B-M4	VG20C-V6B-M4	-1~6bar / 30 in Hg VAC ~ 86psig	
VG20S-V10B-M4	VG20C-V10B-M4	-1~10bar / 30 in Hg VAC ~ 140psig	
VG20S-V16B-M4	VG20C-V16B-M4	-1~16bar / 30 in Hg VAC ~ 230psig	

(NOTE: To order back mount gauges, please replace "VG" with "VR" in the model no.
For example:
VR20S-V16B-M4)

Kontaktmanometer / Contact Gauges VG20SE Series

Product Features

- Contact gauge (KI) with inductance contact,
- For monitoring gas supply pressure and shortage,
- For inert, combustible, oxidizing, and corrosive gases and gas mixtures,
- line 0.5m
- With NAMUR sensor
- Set point adjustable over 0-24% of scale
- Tested for use with oxygen

Typical Applications

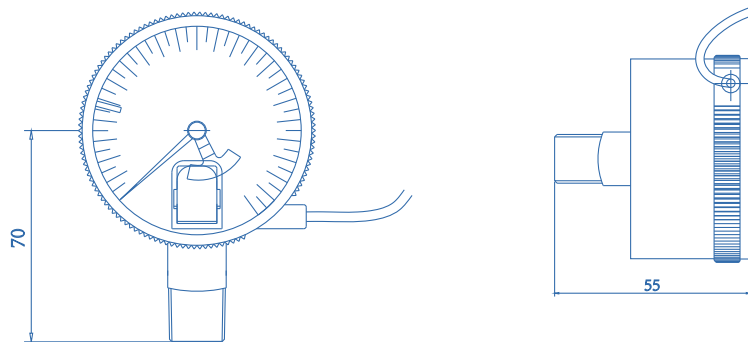
Gas panels may be optionally equipped with contact pressure gauges. Contact pressure gauges combine the advantages of in situ readings with the demands of electrical signal transmissions. In combination with signal boxes, this creates visual and acoustic warning signals in the case of pressure drop and the monitoring of line pressure according to adjustable thresholds.



Technical Data

Dual scale	bar / psi
Connection	1/4" NPT (M)
Size	2"
Accuracy	+/-2.5% of full scale
Body Material	316L
Switching function	Normally closed
Outlet type	NAMUR
Temperature	-25-100°C

Dimensions (mm)



Ordering Information

VG 20 SE - 400

G: Bottom inlet Connection

R: Rear inlet Connection

S: 316L

C: Chrome plated brass

400 : 400 bar

250 : 250 bar

60 : 60 bar

25 : 25 bar

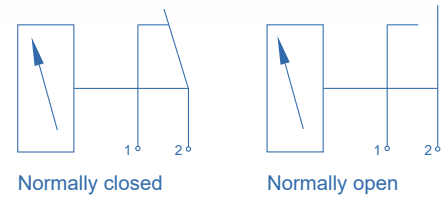
Contact Pressure Gauges / Kontaktmanometer VG25E Series

Product Features

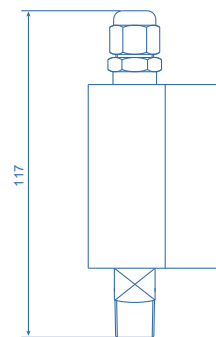
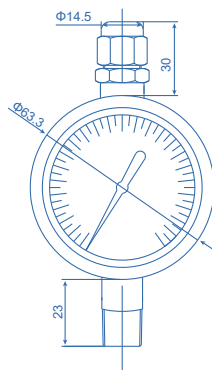
- Contact pressure gauges with digital signal
- Set point adjustable over 10 - 90% of scale
- Double scale bar / psig
- c/w 2 meters of cable
- Tested for use with oxygen

Technical Data

Body Material	316L
Working Voltage	180 / 130 VDC
Max. Voltage	200 VDC
Max ON/OFF amperage	0.5 A
Contact power	10 Watt
Contact Current (initial)	150 mΩ
Contact Capacitance	0.2 pF
Insulation resistance	10 ¹⁰ Ω
Active Time	0.6 msec (Max)
Release Time	0.2 msec (Max)
Frequency	5.2 kHz
Working Temperature	-40°C ~ 125°C
Nominal diameter	63 mm
Connection	1/4" NPT(M)(bottom)
Length of cable	2 meters
Scale	bar / psig
Window	Laminated safety glass
Switching accuracy	+/- 2.5 % of full scale
Weight	0.375 kg



Dimensions (mm)



Ordering Information

VG25SE - 400 - NO

Pressure Range

25: 0~350 psig / 0~25 bar

60: 0~850 psig / 0~60 bar

250: 0~3500 psig / 0~250 bar

400: 0~5800 psig / 0~400 bar

Status

None: Normally closed

NO : Normally open