

PSG050 / PSG051

Pirani Standard Gauge

ADVANTAGES

- Measurement range 5×10^{-4} to 1000 mbar (3.75×10^{-4} to 750 Torr)
- Tungsten or platinum filament
- Temperature compensated 0°C to 40°C
- Constant filament temperature

PSG050:

- Aluminium sensing cell with tungsten filament
- Excellent temperature compensation

PSG050 1/8" NPT:

- Stainless steel sensing cell with tungsten filament

PSG051:

- Stainless steel sensing cell with platinum filament and ceramics feedthrough
- Well suited for corrosive processes and water vapour atmospheres



OPERATING UNITS

- Vacuum Gauge Controller VGC012 / VGC023

ORDERING INFORMATION

Type	PSG050	PSG050 1/8" NPT	PSG051
DN 16 ISO-KF	399-500	-	399-502
1/8" NPT	-	399-501	-
Replacement sensing cell DN 16 ISO-KF	350-980	-	350-981

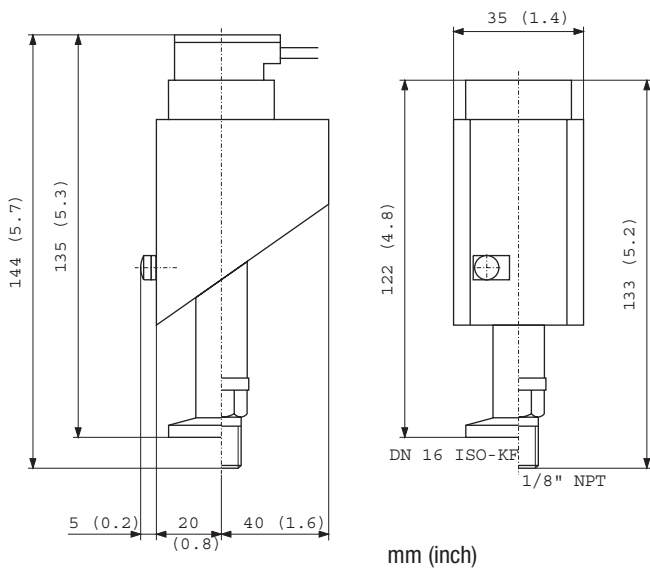
Ordering information for cables see Data Sheets of VGC012 / VGC023

SPECIFICATIONS

		PSG050	PSG050 1/8" NPT	PSG051
Measurement range	mbar (Torr)	5 x 10 ⁻⁴ to 1000 (3.75 x 10 ⁻⁴ to 750)		
Temperature				
Operation (ambient)	°C	0 to +40	0 to +40	0 to +40
Storage	°C	80	80	80
Filament		Tungsten	Tungsten	Platinum
Filament temperature	°C	110	110	110
Pressure, max. absolute	bar	3	3	10
Volume of the sensing cell, approx.	cm ³	11	11	10
Vacuum connection		DN 16 ISO-KF	1/8" NPT	DN 16 ISO-KF
Materials exposed to vacuum		Tungsten, aluminum, nickel-plated steel, stainless steel, NiFe, glass CrNi, epoxy cement	Tungsten, stainless steel, NiFe, glass, CrNi, epoxy cement	Platinum, stainless steel, CrNi, AL ₂ O ₃ , NiFe

Additional specifications see Data Sheets and Operating Manuals VGC012 / VGC023

DIMENSIONS



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