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Pirani Gauge VPR 21/20

Zák. číslo: 2541 20 0000

The Pirani Gauges VPR 20/21 have been designed for vacuum measurement of gases in the pressure range of 5×10-2 ... 1x105 Pa.

The gauges must not be used for measuring flammable or aggressive gases. They are operated in connection with the controller VPR 20 (obsolete) or VPR 21.

Datasheet

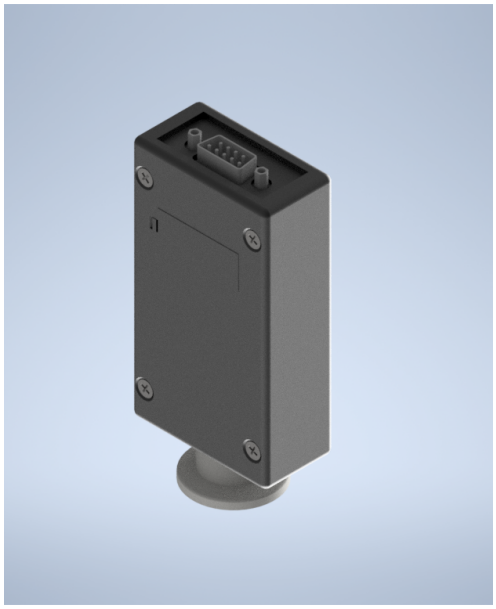
https://github.com/lavatcz/vpr21/blob/main/datasheets/254100_datasheet.pdf

Manual

https://github.com/lavatcz/vpr21/blob/main/manual/Manual_254120.pdf

Technické údaje

Order number	VM0 2541200000
Measurement principle	thermal conductance according to Pirani
Measurement range - VPR 21 (air, O2, CO, N2)	5×10-2 ... 105 Pa
Measurement range - VPR 20 (air, O2, CO, N2)	5×10-1 ... 105 Pa
Accuracy at 1×10-1 ... 1x103 Pa (air)	±15% of reading
Accuracy at 5×10-2 ... 1×10-1 Pa (air)	±50% of reading
Accuracy at 1x103 ... 105 Pa (air)	±50% of reading

Resolution	1% of reading
Repeatability at 1×10-2 ... 1x103 Pa	2% of reading
Connection	ISO-KF 16

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