

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 $5 \times 10^{-2} \dots 1 \times 10^5$ 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, O ₂ , CO, N ₂)	$5 \times 10^{-2} \dots 10^5$ Pa
Measurement range - VPR 20 (air, O ₂ , CO, N ₂)	$5 \times 10^{-1} \dots 10^5$ Pa
Accuracy at $1 \times 10^{-1} \dots 1 \times 10^3$ Pa (air)	±15% of reading
Accuracy at $5 \times 10^{-2} \dots 1 \times 10^{-1}$ Pa (air)	±50% of reading
Accuracy at $1 \times 10^3 \dots 10^5$ Pa (air)	±50% of reading
Resolution	1% of reading
Repeatability at $1 \times 10^{-2} \dots 1 \times 10^3$ Pa	2% of reading
Connection	ISO-KF 16

Fotogalerie

