



PKR 360, low current, DN 25 ISO-KF





Similar Image

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- FullRange® gauge with two sensors in one housing
- Optimized for applications in the medium vacuum range
- Very low external magnetic field
- Display range $1 \cdot 10^{-9}$ to 1000 hPa
- Rugged and dependable
- Insensitive to air ingress
- Without elastomer seal
- Maximum pressure refers to inert gases and temperatures of less than $< 55^{\circ}\text{C}$

Technical Data	PKR 360, low current, DN 25 ISO-KF
Accuracy: 10^{-8} - 10^2 hPa	$\pm 30\%$
Anode	Molybdenum
Bakeout temperature	Elektronics removed, $\leq 150^{\circ}\text{C}$ Elektronics removed, $\leq 302^{\circ}\text{F}$ Elektronics removed, $\leq 423\text{ K}$
Feedthrough	Glass
Filament	Tungsten
Flange	Stainless steel 1.4435
Measurement range max.	1,000 hPa 750 Torr 1,000 mbar
Measurement range min.	$1 \cdot 10^{-8}$ hPa $7.5 \cdot 10^{-9}$ Torr $1 \cdot 10^{-8}$ mbar
Method of measurement	Pirani/Cold Cathode
Nominal diameter	DN 25 ISO-KF
Output signal: Minimum load	10 k Ω
Output signal: Pressure range	2.0 - 8.6 V
Output signal: Sensor error above	9.5 V
Output signal: Sensor error below	10.5 V
Pressure max.	10,000 hPa 7,500 Torr 10,000 mbar
Repeatability: 10^{-8} - 10^{-2} hPa	$\pm 5\%$
Sensor cable length	$\leq 300\text{ m}$ (1 mm ² /wire)
Supply: Power consumption max.	2 W
Supply: Voltage	14.5-30 V DC
Temperature: Operating	$5-55^{\circ}\text{C}$ $41-131^{\circ}\text{F}$ 278-328 K
Temperature: Storage	$-40-70^{\circ}\text{C}$ $-40-158^{\circ}\text{F}$ 233-343 K
Volume	19.9 cm ³
Weight	$< 280\text{ g}$

Order number	
PKR 360	PT T02 140 010

Accessories	
Accessory for ActiveLine gauges and controllers	
Mating connector	B 4707 283 MA
Sensor cable, 3 m	PT 448 250 -T