



# PKR 361, high current, DN 40 ISO-KF



Similar Image

## PKR 361, high current, DN 40 ISO-KF

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

Technical Data	PKR 361, high current, DN 40 ISO-KF
Accuracy: $10^{-8}$ - $10^2$ hPa	$\pm 30 \%$
Anode	Molybdenum
Bakeout temperature	Elektronics removed, $\leq 150 \text{ }^\circ\text{C}$   Elektronics removed, $\leq 302 \text{ }^\circ\text{F}$   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 40 ISO-KF
Output signal: Minimum load	10 k $\Omega$
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 <sup>2</sup> /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	20.9 cm <sup>3</sup>
Weight	$< 320 \text{ g}$

Order number	
PKR 361	<b>PT T03 150 010</b>

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

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All data subject to change without prior notice.

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