



PKR® 361, high current, 25 ISO-KF

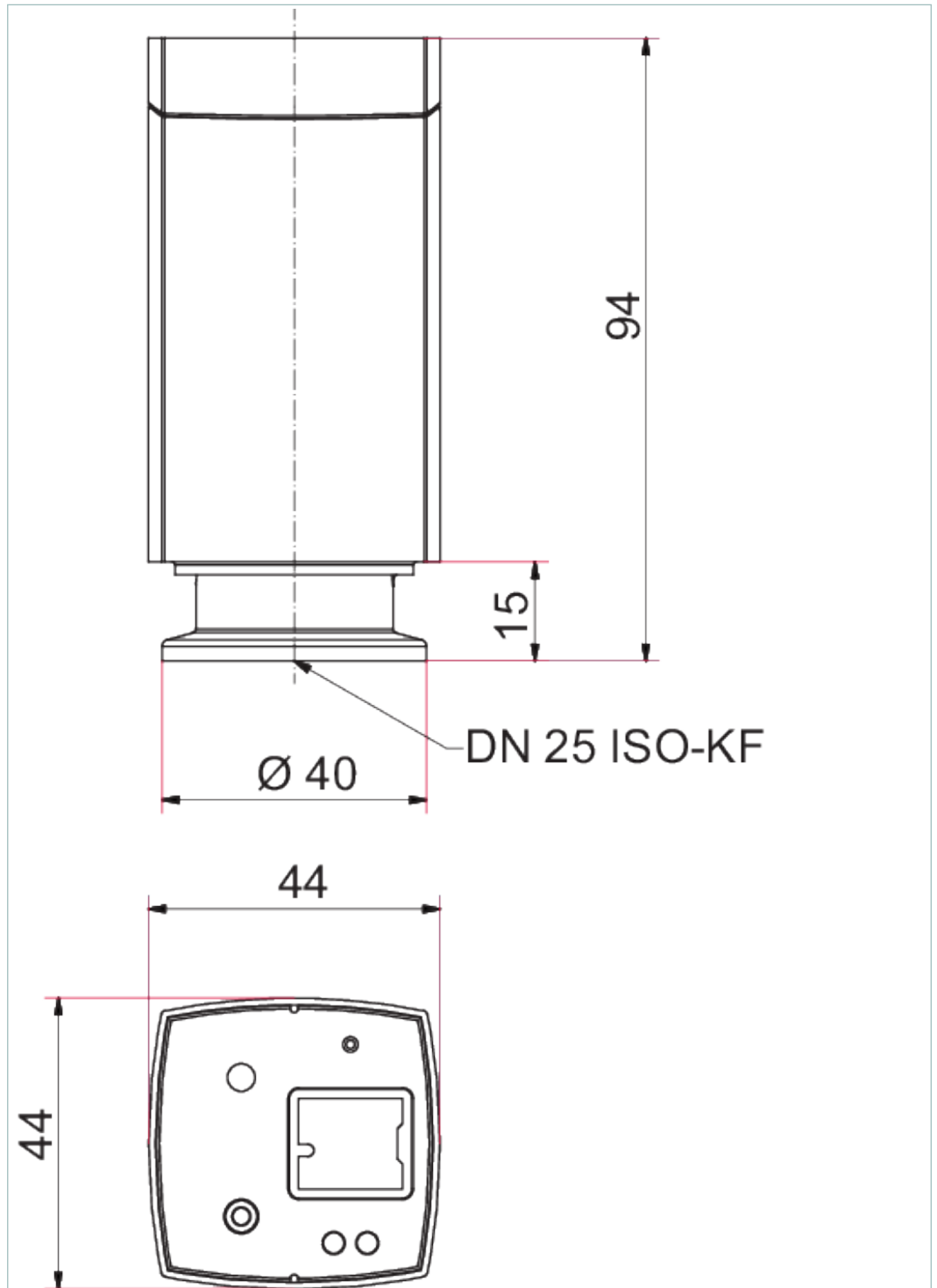


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PKR® 361, high current, 25 ISO-KF

- Maximum pressure refers to inert gases and temperatures of less than 55 °C
- Rugged and dependable
- Insensitive to air ingress
- Without elastomer seal
- High current version optimized for high vacuum applications

Dimensions



Technical Data	PKR® 361, high current, 25 ISO-KF
Accuracy: $1 \cdot 10^{-8} - 1 \cdot 100$ hPa	± 30 %
Ambient temperature	5-55 °C 41-131 °F 278-328 K
Anode	Molybdenum
Bakeout temperature	Electronics removed, ≤ 150 °C
Feedthrough	Glass
Filament	Tungsten
Flange, Material	Stainless Steel 1.4435
Measurement range	$1 \cdot 10^{-9} - 1 \cdot 10^3$ hPa
Method of measurement	Pirani/Cold Cathode
Nominal diameter	DN 25 ISO-KF
Output signal: Measurement range	2-8.6 V
Output signal: Minimum load	10 kΩ
Pressure max.	10,000 hPa 7,500 Torr 10,000 mbar
Repeatability: $1 \cdot 10^{-8} - 100$ hPa	± 5 %
Sensor cable length min.	300 m
Supply: Power consumption max.	2 W
Supply: Voltage V DC	14.5 – 30 V DC
Temperature: Storage	-40-70 °C -40-158 °F 233-343 K
Volume	19.9 cm ³
Weight	280 g

Order number	
PKT 361	PT T03 140 010

Accessories	
Adapters (electrical) Adapter Measurement	
Mating connector	B 4707 283 MA
Cables Measurement cables	
Measurement cable, 3 m	PT 448 250 -T

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