



IKR 360, low current, DN 25 ISO-KF

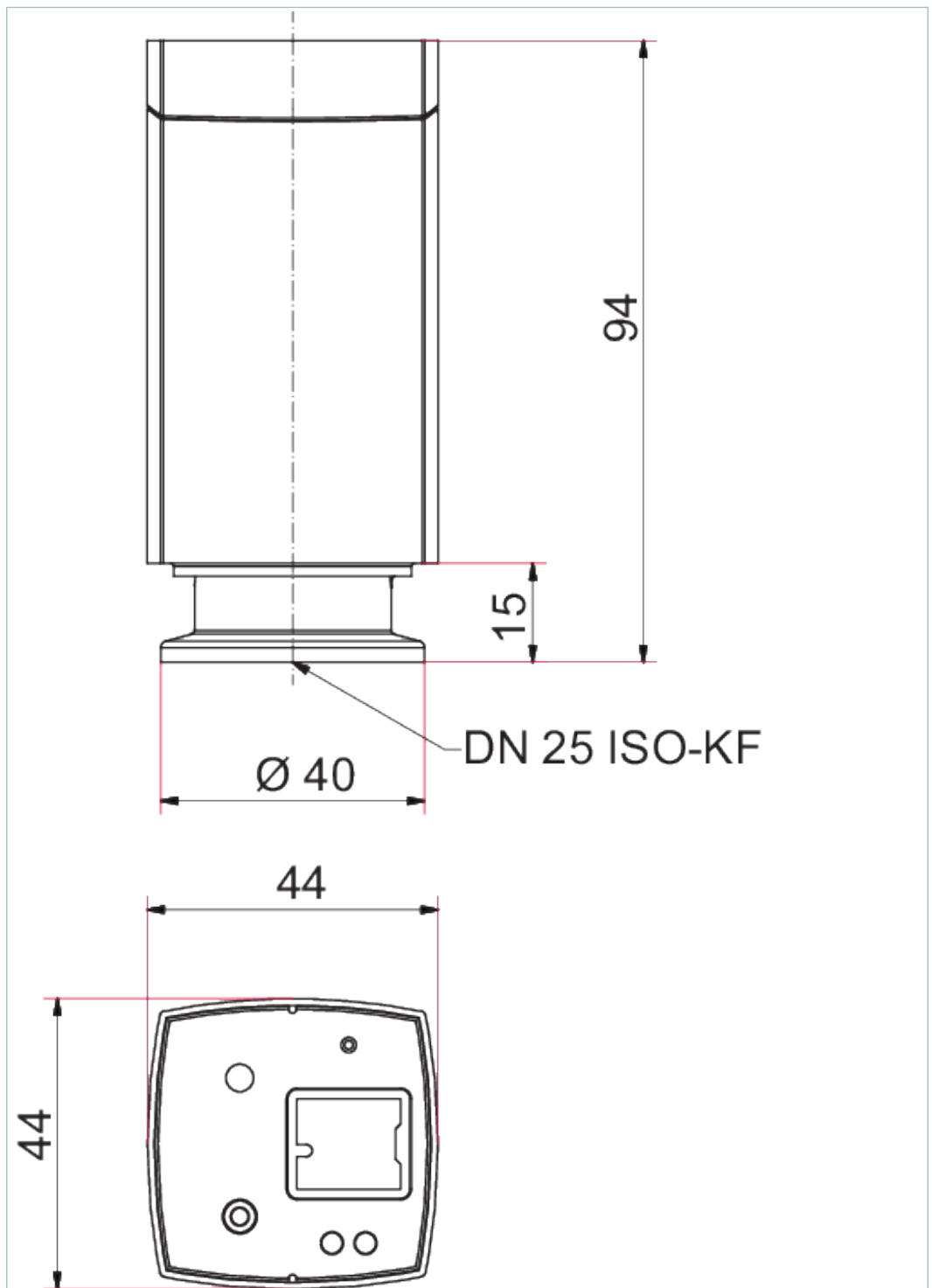


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IKR 360, low current, DN 25 ISO-KF

- Cold cathode (inverted magnetron)
- Rugged and dependable
- Insensitive to air ingress
- Without elastomer seal
- Maximum pressure refers to inert gases and temperatures of less than

Dimensions



Technical Data	IKR 360, low current, DN 25 ISO-KF
Accuracy: $1 \cdot 10^{-8} - 1 \cdot 10^{-2}$ hPa	$\pm 30 \%$
Anode	Molybdenum
Bakeout temperature	Electronics removed, ≤ 150 °C
Feedthrough	Glass
Flange, Material	Stainless Steel 1.4435
Materials in contact with media	Stainless steel 1.4435, 1.4310, Molybdenum, glass, titanium, aluminium oxide ceramic
Measurement range C	$1 \cdot 10^{-9} - 1 \cdot 10^{-2}$ hPa
Measurement range max.	$1 \cdot 10^{-2}$ hPa $7.5 \cdot 10^{-3}$ Torr $1 \cdot 10^{-2}$ mbar
Measurement range min.	$1 \cdot 10^{-9}$ hPa $7.5 \cdot 10^{-10}$ Torr $1 \cdot 10^{-9}$ mbar
Method of measurement	Cold Cathode
Nominal diameter	DN 25 ISO-KF
Output signal: Measurement range	2.5 – 8.5 V
Output signal: Minimum load	10 kΩ
Pressure max.	10,000 hPa 7,500 Torr 10,000 mbar
Repeatability: $1 \cdot 10^{-8} - 1 \cdot 10^{-2}$ hPa	$\pm 5 \%$
Sensor cable length	300 m
Sensor cable length max.	300 m
Supply: Power consumption max.	≤ 2 W
Supply: Voltage V DC	14.5 – 30 V DC
Temperature: Operating	5-55 °C 41-131 °F 278-328 K
Temperature: Storage	-40-70 °C -40-158 °F 233-343 K
Volume	19.9 cm ³
Weight	280 g

Order number	
IKR 360	PT T00 140 010

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

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