



IKR 261, metal sealed, long case, DN 40 CF-F



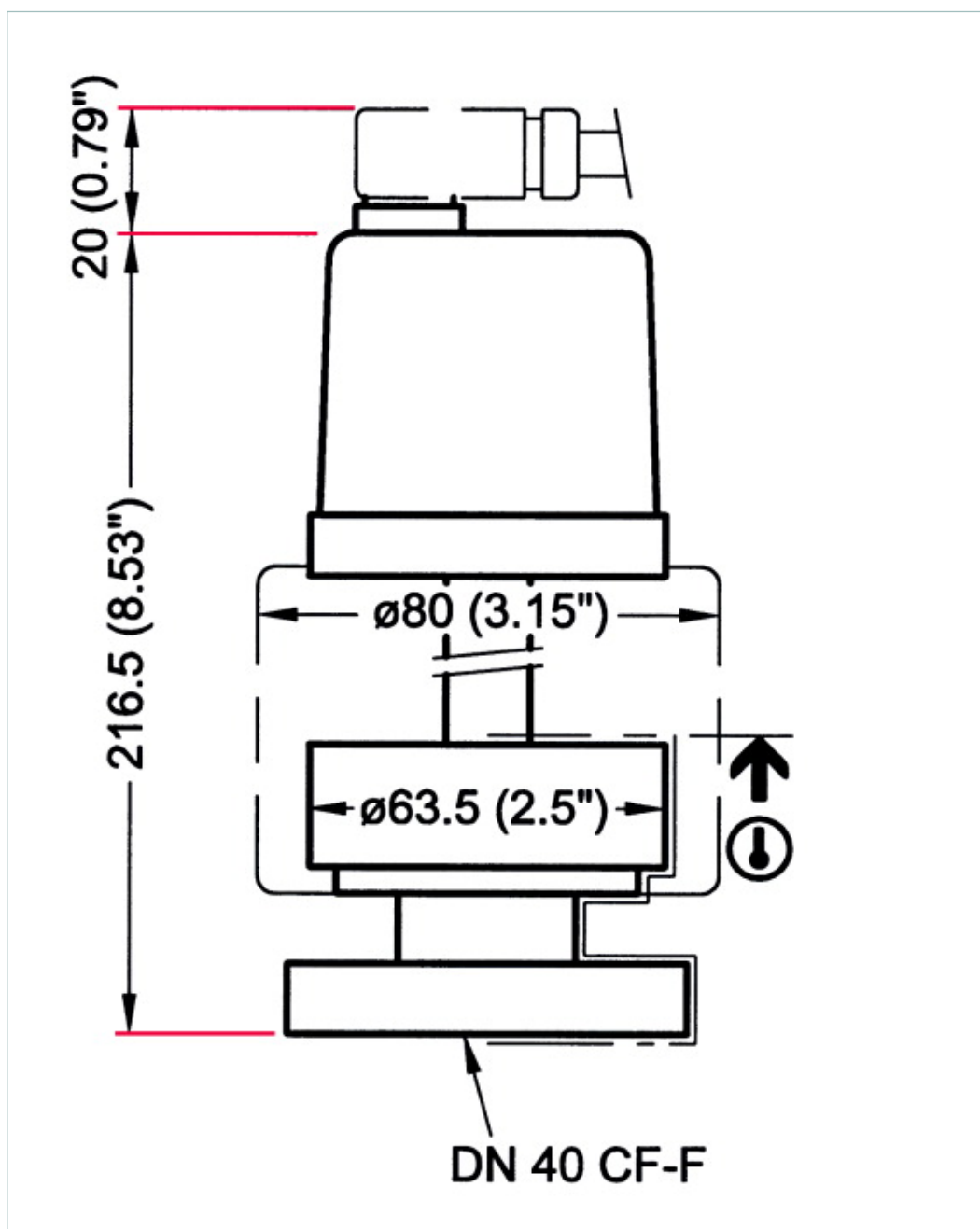


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- For vacuum processes in high- and ultra high vacuum
- Display range $1 \cdot 10^{-9}$ to $1 \cdot 10^{-2}$ hPa
- Flange size: DN 40 CF-F
- Maximum pressure refers to inert gases and temperatures of less than 55 °C
- Cold cathode (inverted magnetron)
- Rugged and dependable
- Insensitive to air ingress
- Corrosion-resistant
- Extra-long case in bake-out area
- Max. operating temperature: 250 °C

Dimensions



Technical Data		IKR 261, metal sealed, long case, DN 40 CF-F	
Accuracy: 10^{-8} - 10^{-3} hPa		$\pm 30\%$	
Anode		Molybdenum	
Bakeout temperature		In operation, 250 °C In operation, 482 °F In operation, 523 K	
Feature		Metal sealed	
Feedthrough		Al ₂ O ₃	
Flange		Stainless steel	
Measurement range max.		0.01 hPa $7.5 \cdot 10^{-3}$ Torr 0.01 mbar	
Measurement range min.		$2 \cdot 10^{-9}$ hPa $1.5 \cdot 10^{-9}$ Torr $2 \cdot 10^{-9}$ mbar	
Method of measurement		Cold Cathode	
Nominal diameter		DN 40 CF-F	
Output signal: Minimum load		10 kΩ	
Output signal: Pressure range		1.8 - 8.5 V	
Output signal: Sensor error below		0.5 V	
Pressure max.		10,000 hPa 7,500 Torr 10,000 mbar	
Repeatability: 10^{-8} - 10^{-3} hPa		$\pm 5\%$	
Seal		Ag	
Sensor cable length		500 m	
Supply: Power consumption max.		2 W	
Supply: Voltage		15-30 V	
Temperature: Operating		5-55 °C 41-131 °F 278-328 K	
Temperature: Storage		-40-65 °C -40-149 °F 233-338 K	
Volume		20 cm ³	
Weight		1200 g	

Order number	
IKR 261	PT R25 761

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