



IMR 265, High Pressure Hot Cathode, DN 40 CF-F

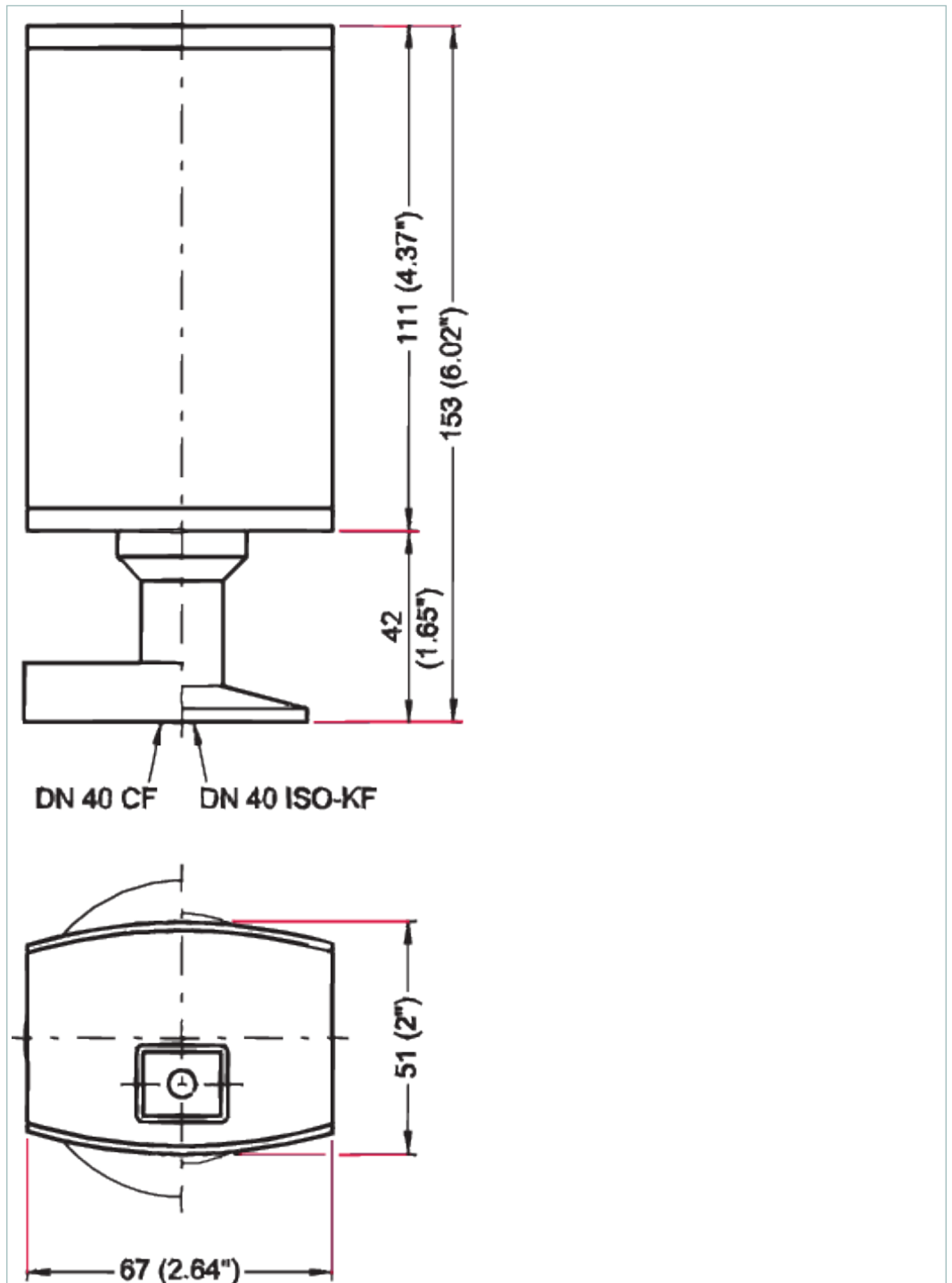


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IMR 265, High Pressure Hot Cathode, DN 40 CF-F

- Flange size: DN 40 CF-F
- Maximum pressure refers to inert gases and temperatures of less than 55 °C
- Two gauge heads (Pirani and hot cathode) in a single case
- Highly accurate
- Automatic cathode protection
- Resistant in corrosive media

Dimensions



Technical Data	IMR 265, High Pressure Hot Cathode, DN 40 CF-F
Accuracy: $1 \cdot 10^{-5} - 1$ hPa	± 15 %
Ambient temperature	0-50 °C 32-122 °F 273-323 K
Bakeout temperature	150 °C, electronic removed °C
Electron collector	Stainless steel
Filament	Iridium coated with Y_2O_3
Filament holder	Molybdenum, Platinum
Flange, Material	Stainless steel
Insulator	Glass
Ion collector	Stainless steel
Materials in contact with media	Stainless steel
Measurement range	$2 \cdot 10^{-6} - 1 \cdot 10^3$ hPa
Nominal diameter	DN 40 CF-F
Output signal: Measurement range hot cathode	1.5 – 7.5 V
Output signal: Measurement range Pirani	8.5 – 9.75 V
Output signal: Minimum load	10 k Ω
Pirani measurement element	Copper, Tungsten
Pressure max.	5,000 hPa 3,750 Torr 5,000 mbar
Repeatability: $1 \cdot 10^{-1} - 100$ hPa	30 %
Repeatability: $1 \cdot 10^{-5} - 1 \cdot 10^{-1}$ hPa	2 %
Sensor cable length min.	100 m
Supply: Power consumption max.	16 W
Supply: Voltage V DC	20 – 30 V DC
Temperature: Storage	-20-70 °C -4-158 °F 253-343 K
Volume	34 cm ³
Weight	550 g

Order number	
IMR 265	PT R26 503

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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