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TECHNOLOGY GROUP

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PBR 260, Pirani/Bayard-Alpert, DN 40 ISO-KF

PFEIFFER VACUUM

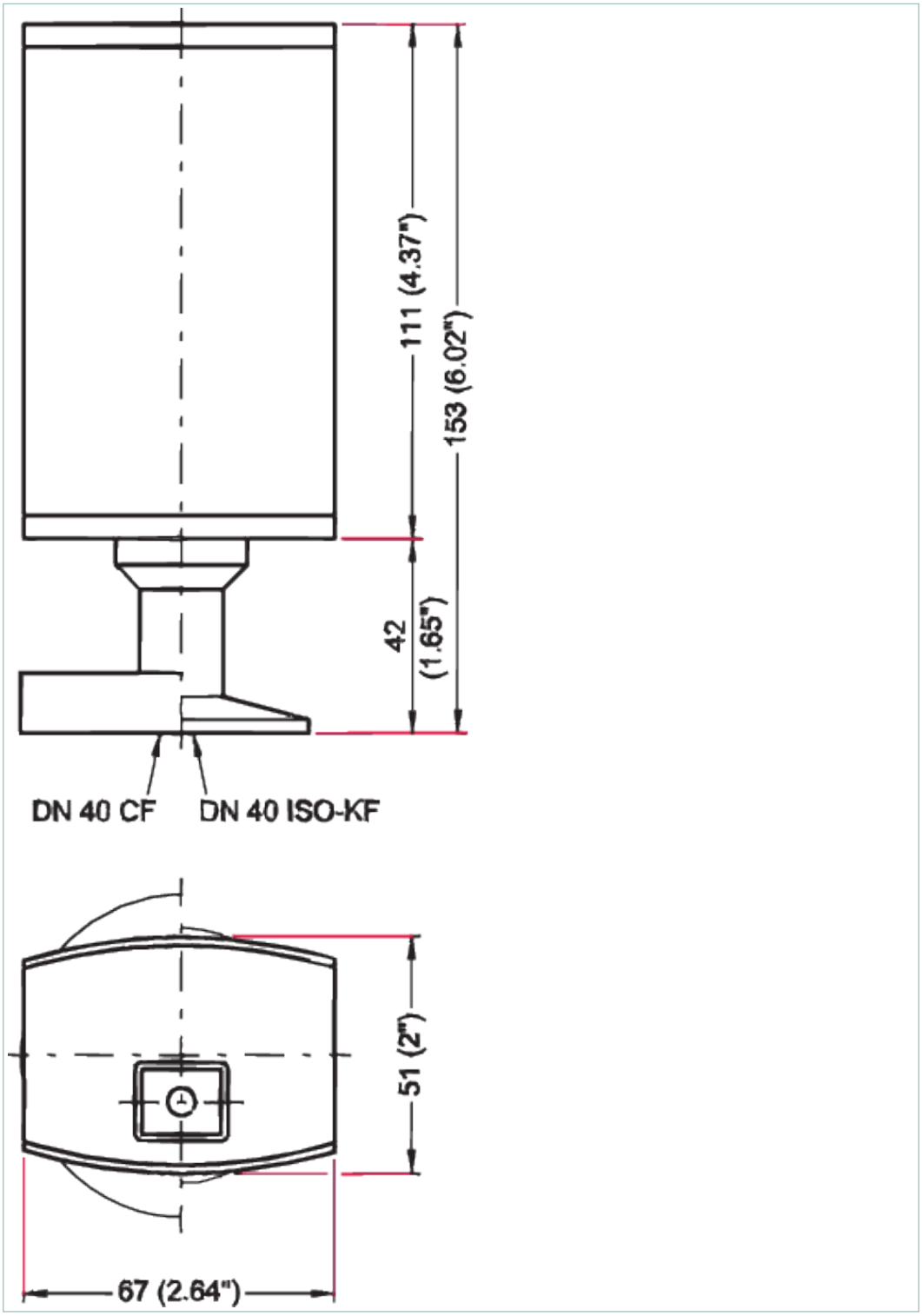


Similar Image

PBR 260, Pirani/Bayard-Alpert, DN 40 ISO-KF

- Flange size DN 40 ISO-KF
- Maximum pressure applies to inert gases and temperatures of less than 55 °C
- Highly accurate
- Bayard-Alpert sensor ON/OFF automatically controlled by Pirani sensor

Dimensions



Technical Data	PBR 260, Pirani/Bayard-Alpert, DN 40 ISO-KF
Ambient temperature	0-50 °C | 32-122 °F | 273-323 K
Bakeout temperature	Electronics removed 150 °C | Electronics removed 302 °F | Electronics removed 423 K
Filament	Tungsten/iridium coated with Y_2O_3
Flange, material	Stainless steel
Materials in contact with media	Cu, W, glass, NiFe, Mo, Stainless Steel, NiCr
Measurement cable length	100 m
Measuring method	Pirani/Bayard-Alpert
Measuring range	$5 \cdot 10^{-10} – 1 \cdot 10^{3}$ hPa
Nominal diameter	DN 40 ISO-KF
Output signal: Measuring range	0.774 – 10 V
Output signal: Minimum load	10 kΩ
Precision: $1 \cdot 10^{-8} – 1 \cdot 10^{-2}$ hPa	± 15 %
Pressure max.	2,000 hPa | 1,500 Torr | 2,000 mbar
Repeatability: $1 \cdot 10^{-8} – 1 \cdot 10^{-2}$ hPa	5 %
Supply: consumption max.	16 W
Supply: Voltage V DC	20 – 30 V DC
Temperature: Storage	-20-70 °C | -4-158 °F | 253-343 K
Volume	24 cm³
Weight	315 g

Order number	
PBR 260	**PT R27 001**

Accessories	
Adapters (electrical)|Adapter Measurement	
Mating connector, 6 pole	**B4707283MA**
Cables|Measurement cables	
Measurement cable, 3 m	**PT 448 250 -T**
Protection|Baffles	
Baffle for PBR 260 and ITR 90	**PT 120 124 -T**

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