ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF

PFEIFFER *VACUUM*

ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF

- Maximum pressure refers to inert gases and temperatures of less than 55 °C
- Highly accurate
- Bayard-Alpert sensor ON/OFF automatically controlled by Pirani sensor

Similar Image

Technical Data	ITR 90, Pirani/Bayard-Alpert, DN 25 ISO-KF
Accuracy: 10^{-8} - 10^{-2} hPa	15 % of measurement
Bakeout temperature	150 °C
Filament	Tungsten
Flange	Edelstahl
Materials in contact with media	Cu, W, glass, NiFe, Mo, Stainless Steel, NiCr
Measurement range max.	$1 \cdot 10^3$ mbar
Measurement range min.	$5 \cdot 10^{-10}$ mbar
Method of measurement	Pirani/Bayard-Alpert
Nominal diameter	DN 25 ISO-KF
Output signal: Measurement range	0.774-10 V
Output signal: Minimum load	10 kΩ
Output signal: Sensor error below	< 0.3 V / 0.5 V
Repeatability: 10^{-8} - 10^{-2} hPa	5 % of measurement
Sensor cable length	100 m
Supply: Power consumption max.	16 W
Supply: Voltage	20-28 V DC
Temperature: Operating	0-50 °C
Temperature: Storage	20 – 70 °C
Volume	≤ 24 cm³
Weight	290 g

Order number	
ITR 90	**PT T12 146 300**

Accessories	
Accessory	
Baffle for ITR 90	**PT 120 124 -T**
Measurement cable D-Sub	
Measurement cable D-Sub, 15 pol, for CenterOne, CenterTwo, CenterThree, 3 m	**PT 448 550 -T**

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