



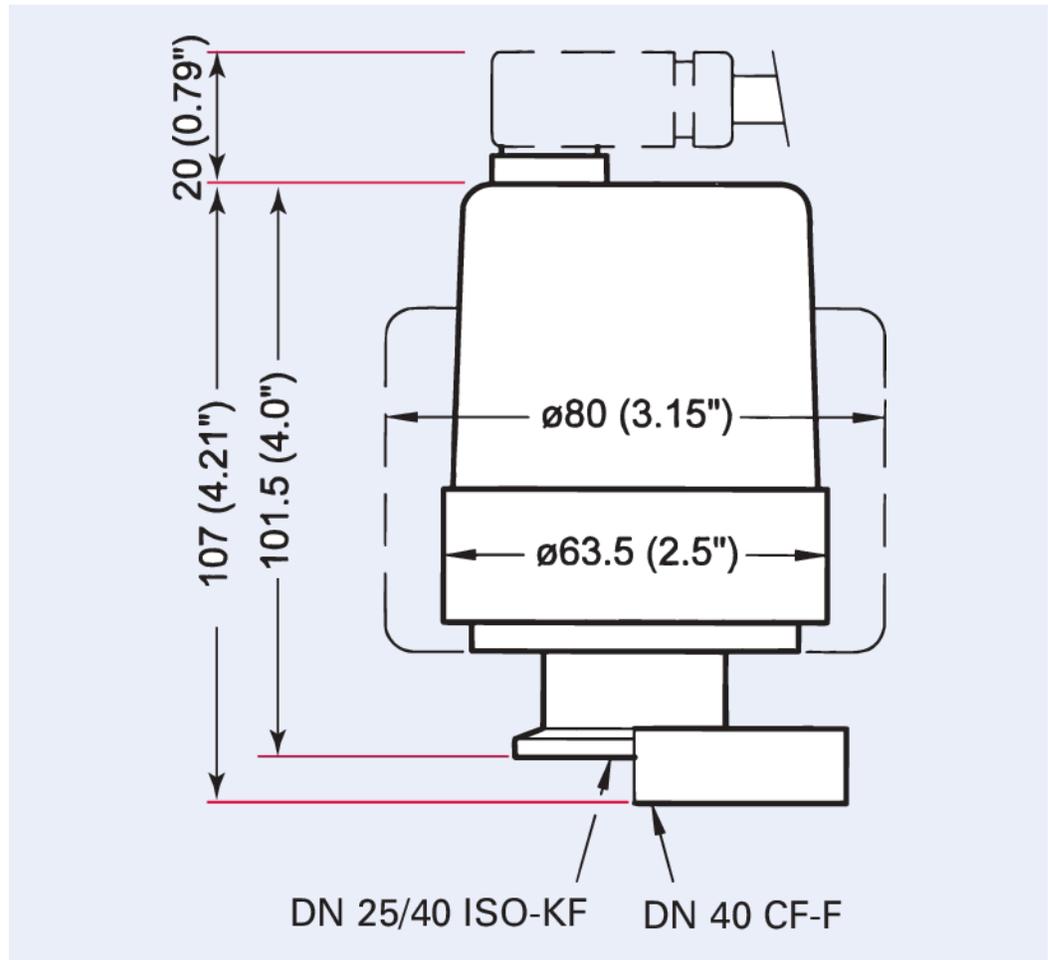


Illustration only

## **IKR 251, FPM sealed, DN 40 CF-F**

- Flange size DN 40 CF-F
- The maximum pressure applies to inert gases and temperatures below 55 °C
- Cold cathode (inverted magnetron)
- Rugged and dependable
- Insensitive to air ingress
- Corrosion resistant

## Dimensions



# IKR 251

<b>Technical Data</b>	<b>IKR 251, FPM sealed, DN 40 CF-F</b>
Output signal: Measuring range	1.8 – 8.5 V
Feedthrough	Al <sub>2</sub> O <sub>3</sub>
Measuring range	2 · 10 <sup>-9</sup> – 1 · 10 <sup>-2</sup> hPa
Flange, material	Stainless steel
Seal	FKM
Anode	Mo
Ambient temperature	5 – 55 °C
Special feature	Interior FPM sealed
Temperature: Storage, max	+65 °C
Temperature: Storage, min	-40 °C
Measuring accuracy	30 % (1 · 10 <sup>-8</sup> hPa – 1 · 10 <sup>-3</sup> hPa)
Measuring method	Cold cathode
Input voltage(s)	15 – 30 V DC
Volume	20 cm <sup>3</sup>
Output signal: Minimum load	10 kΩ
Pressure max.	1 · 10 <sup>4</sup> hPa   7.5 · 10 <sup>3</sup> Torr   1 · 10 <sup>4</sup> mbar
Weight	0.95 kg   2.09 lb
Pressure max.	1 · 10 <sup>4</sup> hPa
Power consumption max.	2 W
Output signal: Minimum load	10 kΩ
Connection flange	DN 40 CF-F
Weight	0.95 kg
Bakeout temperature max.(electronics removed)	≤150 °C

<b>Order number</b>	<b>IKR 251, FPM sealed, DN 40 CF-F</b>
IKR 251, FPM sealed, DN 40 CF-F	PT R25 502

# IKR 251

<b>Accessories</b>	<b>IKR 251, FPM sealed, DN 40 CF-F</b>
Anode, complete for KR/PKR, FPM-sealed	BG510999-X
IKR ignition aid, 10 pieces	BN845995-T
Maintenance kit for IKR/PKR 250/251	BN846239-T
Repair kit for FPM-sealed cold cathode gauge consisting of anode, seal and three ignition aids	BN846252-T
Electronics for IKR 251/261	PT 120 160 -T



Errors and/or changes excepted. - 2/16/2026

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