



**IKR 361, high current,  
DN 25 ISO-KF**



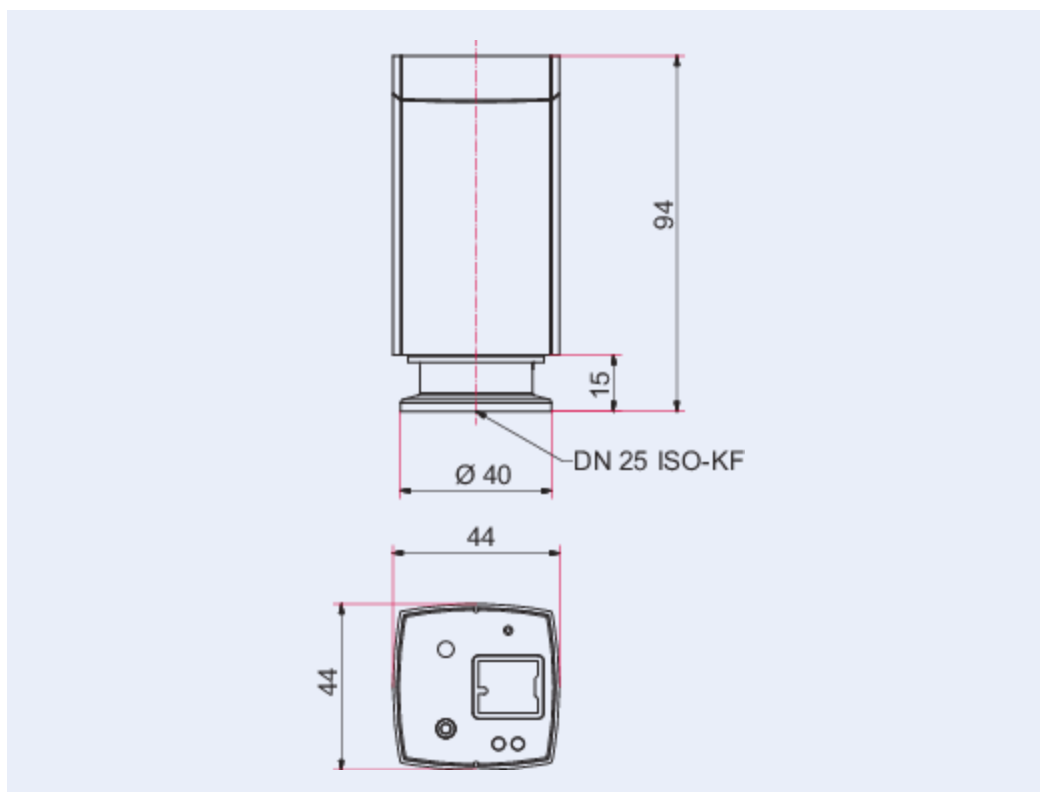


Illustration only

## IKR 361, high current, DN 25 ISO-KF

- Cold cathode (inverted magnetron)
- Rugged and dependable
- Insensitive to air ingress
- Without elastomer seal
- Maximum pressure applies to inert gases and temperatures of less than 55 °C

## Dimensions



| Technical Data                                | IKR 361, high current, DN 25 ISO-KF                                                                                        |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Output signal: Measuring range                | 2.5 – 8.5 V                                                                                                                |
| Feedthrough                                   | Glass                                                                                                                      |
| Measuring range                               | $1 \cdot 10^{-9} - 1 \cdot 10^{-2}$ hPa                                                                                    |
| Materials in contact with media               | Stainless steel 1.4310 (AISI 301)  <br>Stainless steel 1.4435 (AISI 316L)   Molybdenum  <br>Glass   Aluminum oxide ceramic |
| Flange, material                              | Stainless Steel 1.4435 (AISI 316L)                                                                                         |
| Anode                                         | Mo                                                                                                                         |
| Ambient temperature                           | 5 – 55 °C                                                                                                                  |
| Temperature: Storage, max                     | +70 °C                                                                                                                     |
| Temperature: Storage, min                     | -40 °C                                                                                                                     |
| Measuring accuracy                            | 30 % (of measured value) ( $1 \cdot 10^{-8}$ hPa – $1 \cdot 10^{-2}$ hPa)                                                  |
| Measuring method                              | Cold cathode                                                                                                               |
| Input voltage(s)                              | 14.5 – 30 V DC                                                                                                             |
| Volume                                        | 19.9 cm <sup>3</sup>                                                                                                       |
| Output signal: Minimum load                   | 10 kΩ                                                                                                                      |
| Pressure max.                                 | $1 \cdot 10^4$ hPa   $7.5 \cdot 10^3$ Torr   $1 \cdot 10^4$ mbar                                                           |
| Weight                                        | 0.28 kg   0.62 lb                                                                                                          |
| Pressure max.                                 | $1 \cdot 10^4$ hPa                                                                                                         |
| Power consumption max.                        | 2 W                                                                                                                        |
| Output signal: Minimum load                   | 10 kΩ                                                                                                                      |
| Connection flange                             | DN 25 ISO-KF                                                                                                               |
| Weight                                        | 0.28 kg                                                                                                                    |
| Bakeout temperature max.(electronics removed) | ≤150 °C                                                                                                                    |

| Order number                        | IKR 361, high current, DN 25 ISO-KF |
|-------------------------------------|-------------------------------------|
| IKR 361, high current, DN 25 ISO-KF | 2000005715                          |

| Accessories                                                                                             | IKR 361, high current, DN 25 ISO-KF |
|---------------------------------------------------------------------------------------------------------|-------------------------------------|
| IKR ignition aid, 10 pieces                                                                             | 2000035094                          |
| Measurement chamber, cpl., for IKR 360/361 and IKT 011 DN 25 ISO-KF ionization chamber: stainless steel | 2000008136                          |
| Ionization chamber for IKR/PKR 36x, IKT 01x, PTR 91 stainless steel                                     | 2000008148                          |



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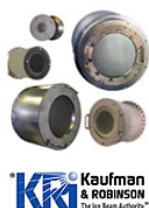
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