



IKT 011, digital cold cathode sensor, high current

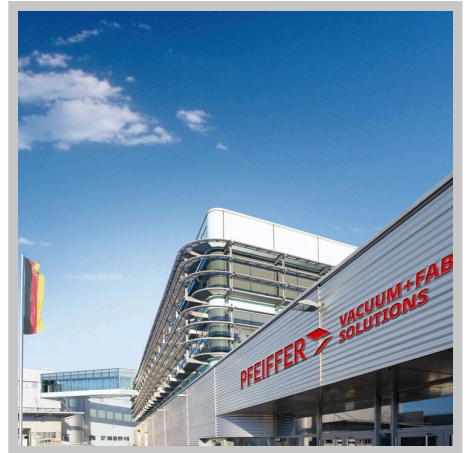


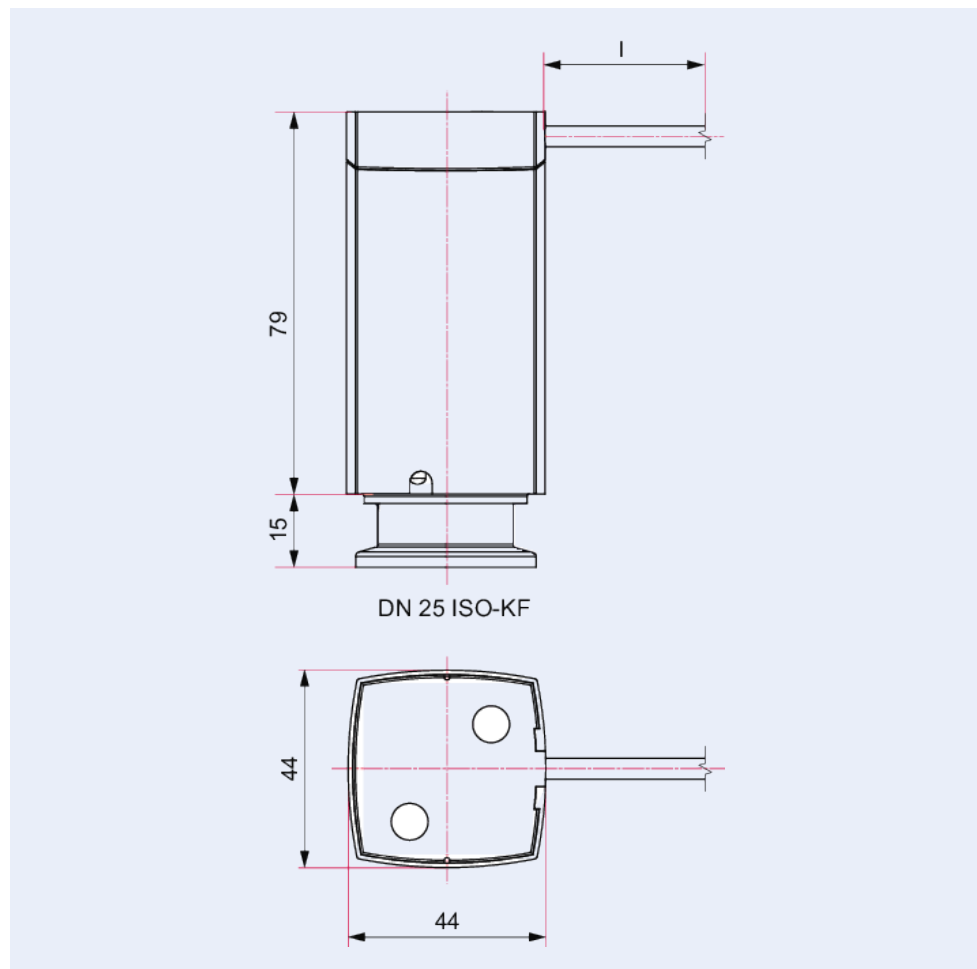


Illustration only

IKT 011, digital cold cathode sensor, high current

- Very low magnetic stray field
- Compact dimensions
- Direct installation, no additional power supply
- No additional measurement cable required
- For vacuum processes in high vacuum
- Display range: $1 \cdot 10^{-8}$ - $1 \cdot 10^{-2}$ hPa

Dimensions



Technical Data	IKT 011, digital cold cathode sensor, high current
Feedthrough	Glass
Measuring range	$5 \cdot 10^{-8} - 1 \cdot 10^{-2}$ hPa
Materials in contact with media	Stainless steel 1.4310 (AISI 301) Stainless steel 1.4435 (AISI 316L) Molybdenum Glass
Flange, material	Stainless Steel 1.4435 (AISI 316L)
Measurement cable length min.	0.5 m
Supply: Power consumption max.	2 W
Seal	Metal
Anode	Mo
Interface: Connection, device side	Cable with Micro-USB-connector for HiPace Neo
Wire to	HiPace Neo
Ambient temperature	5 – 55 °C
Attribute	High current version
Temperature: Storage, max	70 °C
Temperature: Storage, min	-40 °C
Accuracy of measurement	30 % ($5 \cdot 10^{-8}$ hPa – $1 \cdot 10^{-2}$ hPa)
Input voltage(s)	5 V DC
Volume	19.9 cm ³
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.	10,000 hPa
Power consumption max.	2 W
Weight	280 g
Bakeout temperature max.(electronics removed)	≤150 °C
Connection flange (in)	DN 25 ISO-KF

Order number	IKT 011, digital cold cathode sensor, high current
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Errors and/or changes excepted. - 2/24/2025

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