



IKT 010, digital cold cathode sensor, low current

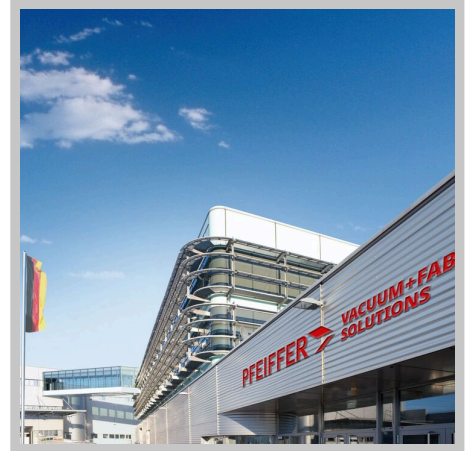


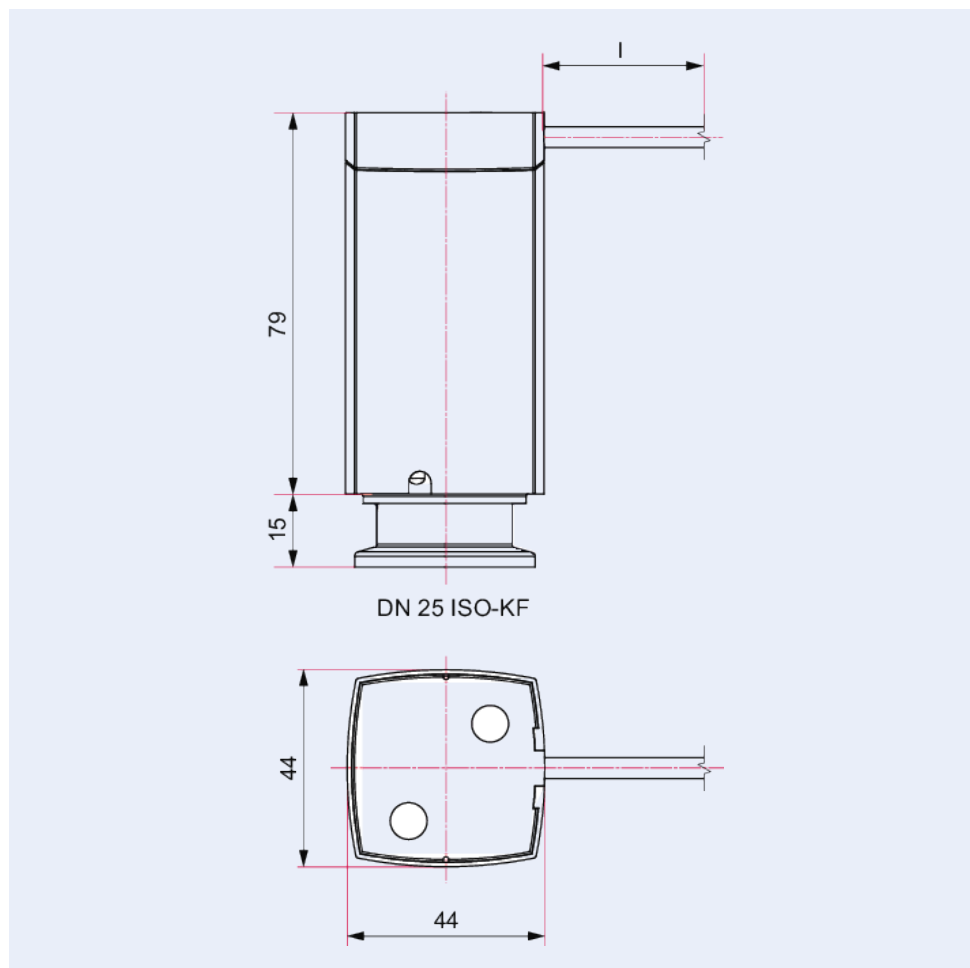


Illustration only

IKT 010, digital cold cathode sensor, low current

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

Dimensions



Technical Data	IKT 010, digital cold cathode sensor, low 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 Titanium
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	Low 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 010, digital cold cathode sensor, low current
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Errors and/or changes excepted. - 2/24/2025

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