

Electrical feedthrough

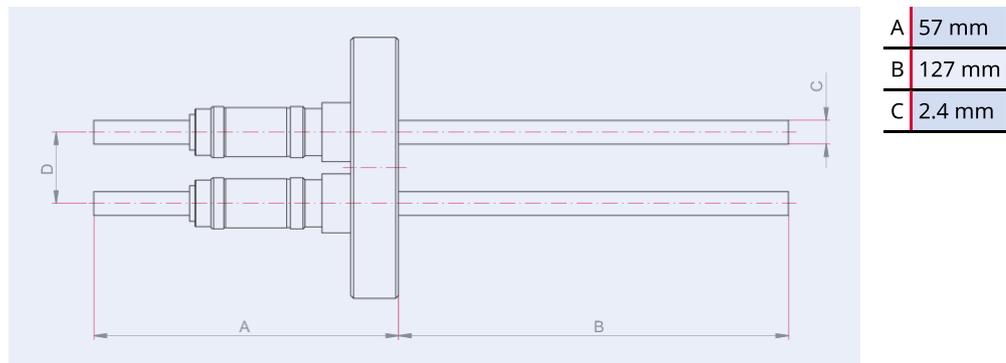


Illustration only

Electrical feedthrough, 5 kV, 50 A, 2 pins, DN 40 CF

- Flange material: Stainless steel
- Conductor material: copper
- Conductor material stainless steel, molybdenum, nickel on request
- The specified voltages and currents refer to the following ambient conditions:
room temperature, outside: dry air, inside: vacuum $< 1 \cdot 10^{-4}$ hPa

Dimensions



Technical Data	Electrical feedthrough, 5 kV, 50 A, 2 pins, DN 40 CF
Materials in contact with media	Flange: Stainless steel, Conductor: Copper
Temperature range (vacuum side)	100 – 300 °C
Tightness	1 · 10 ⁻¹¹ Pa m ³ /s 7.5 · 10 ⁻¹¹ Torr l/s 1 · 10 ⁻¹⁰ mbar l/s
Heat up and cool down rate	≤20 K/min
Feedthrough voltage	5 kV DC
Current	50 A
Pins	2
Connection flange	DN 40 CF
Pressure range	1 · 10 ⁻¹¹ hPa – to ambient pressure

Order number	Electrical feedthrough, 5 kV, 50 A, 2 pins, DN 40 CF
Electrical feedthrough, 5 kV, 50 A, 2 pins, DN 40 CF	420XST040-5-30-2



Errors and/or changes excepted. - 5/14/2025

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