



**Electrical feedthrough,  
5 kV, 50 A, 2 pins,  
DN 40 ISO-KF**

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# Electrical feedthrough

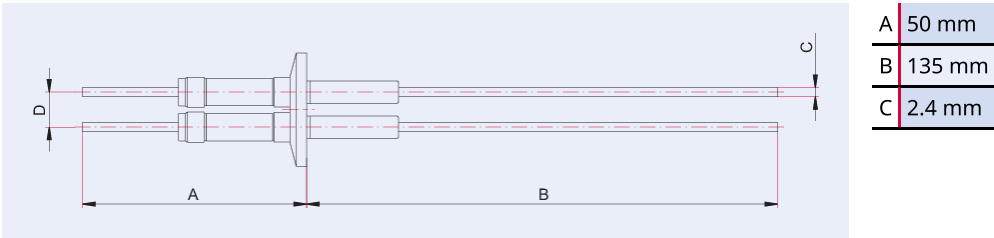


Illustration only

## Electrical feedthrough, 5 kV, 50 A, 2 pins, DN 40 ISO-KF

- 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 ISO-KF
Materials in contact with media	Flange: Stainless steel, Conductor: Copper
Temperature range (vacuum side)	100 – 300 °C
Tightness	$1 \cdot 10^{-11}$ Pa m <sup>3</sup> /s   $7.5 \cdot 10^{-11}$ Torr l/s   $1 \cdot 10^{-10}$ 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 ISO-KF
Pressure range	$1 \cdot 10^{-8}$ hPa – to ambient pressure

Order number	Electrical feedthrough, 5 kV, 50 A, 2 pins, DN 40 ISO-KF
Electrical feedthrough, 5 kV, 50 A, 2 pins, DN 40 ISO-KF	120XST040-5-30-2

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