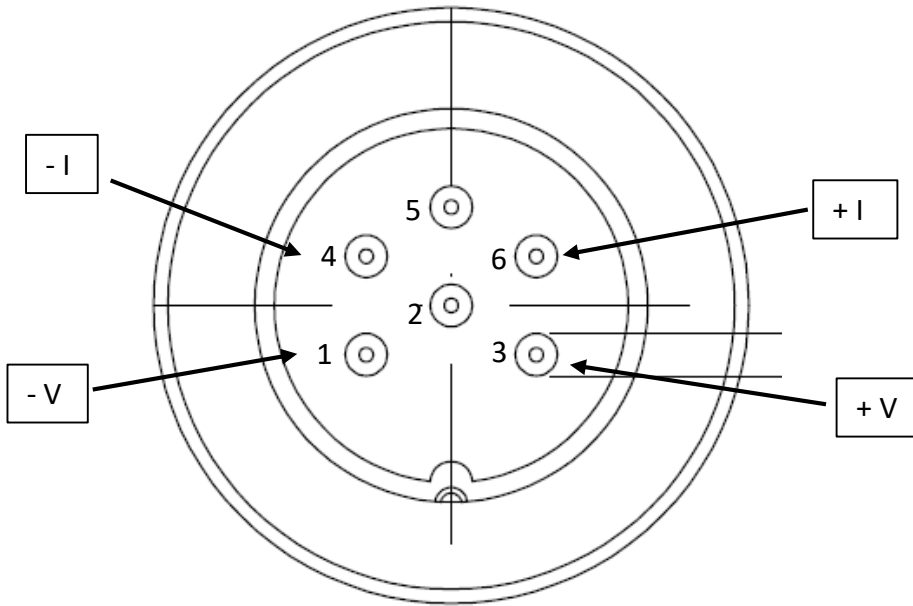


UHV-Cable layout Allectra CM 6-Pin feedthrough for temperature measurement with Pt-Sensor

Looking onto feedthrough from air side towards vacuum

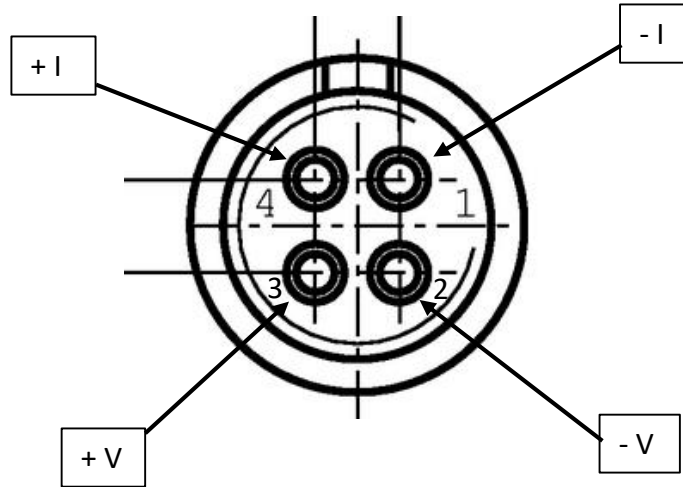


Name	Type	Spec	PIN on Allectra	Notes
- I	Resistor current	About 0.1mA to 10mA	# 4	red
+ I	Resistor current		# 6	yellow
- V	Resistor voltage	About 0.1V to 5.0V	# 1	green
+ V	Resistor voltage		# 3	blue

+ I/V cables on same resistor leg, - I/V cable on same resistor leg.

Cable layout Binder 4-Pin Plug on LSA3 for temperature measurement with Pt-Sensor

Looking onto plug from front (outside) towards soldering side in the back



Name	Type	Spec	PIN on Alllectra	Cable color UHV	Pin on plug to LSA
- I	Resistor current GND	About 0.1mA to 10mA	# 4	red	#1 (GND)
+ I	Resistor current		# 6	yellow	#4
- V	Resistor voltage	About 0.1V to 5.0V	# 1	green	# 2
+ V	Resistor voltage		# 3	blue	# 3

Part List:

- Cable, FEP 4 wire
- Binder plug 4-pin, LSA-side
- Allectra 6-pin plug chamber side

