

JEVAmet[®] IESL

Measuring cable for IE414/514 sensors

- Connection cable for high-end vacuum sensors IE414 and Ie514 to vacuum controller IM 540, COMBIVAC CM 52, MG15 and similar for precise pressure measurement up to $1 \cdot 10^{-12}$ mbar
- Easy-to-use plug-and-play solution
- Bakeable up to 200°C (except for connectors on the controller side)
- Double-shielded cable with PTFE / PFA insulation
- Sensor plug with aluminium housing, PTFE insert and gold-plated contacts
- Connection to the controller via UTG and BNC connectors
- Available in three different lengths



Versions

JEVAmet® IESL-03	Bakeable special cable for hot cathode ionisation sensors IE414/IE514, length: 3 m
JEVAmet® IESL-05	Bakeable special cable for hot cathode ionisation sensors IE414/IE514, length: 5 m
JEVAmet® IESL-10	Bakeable special cable for hot cathode ionisation sensors IE414/IE514, length: 10 m

Technical Data

Cable:	Design:	Hybrid cable AWG 22-19(7)+coax RG188
	Isolation:	PTFE / PFA
Sensor connector:	Design:	Customised design for IE414/IE514
		Supply and signal managed together
	Contacts:	gold-plated
	Material:	Housing: Aluminium
		Filler: PTFE
		Fixation: Stainless steel sheet spring
Controller connector:	Design:	Supply: Souriau UTG 18, 7-pin, crimp connection
		Signal: BNC connector
Bakeout temperature:	Cable:	200°C max.
	Sensor connector:	200°C max.
	Controller connector:	50°C max
Usage:		indoors only (altitude max. 2000 m above sea level)

Compatible Controllers and Sensors

Controllers:	INFICON – Ionisation measurement controller IM 540
	LEYBOLD – IONIVAC IM 540, COMBIVAC CM 52
	PREVAC – Ion multi gauge controller MG15
Sensors:	INFICON – Passive hot cathode ionisation gauge (Bayard-Alpert) IE414
	INFICON – Passive hot cathode ionisation gauge (Extractor) IE514
	LEYBOLD – IONIVAC sensor (Bayard-Alpert) IE414
	LEYBOLD – IONIVAC sensor (Extractor) IE514

More information under:

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