



Visibility for liquid-cooled infrastructure.

LD-1E is a networked leak-detection instrument being developed for liquid-cooled compute infrastructure. It is intended to turn a leak condition into useful context for investigation and response.

TECHNICAL SNAPSHOT · PRELIMINARY DESIGN DATA

CHANNEL CONFIGURATION		FLUID	LEVEL / CONDUCTIVITY	MODE
4 SENSING CHANNELS	2 detection	Pure / ultrapure DI	0.055–11.8 µS/cm	DETECT
		Resin-polished water	5–20 µS/cm	DETECT
	2 locating	Tap water	≈300 µS/cm	DETECT + LOCATE
		Propylene glycol PG25–50	2060–2780 µS/cm	DETECT + LOCATE
		Ethylene glycol EG20–60	2000–3400 µS/cm	DETECT + LOCATE

DESIGN STATUS

Product in development. Channel counts and conductivity ranges are source-reported preliminary design figures. Final support depends on sensing configuration, fluid chemistry, installation and validation. No dielectric fluid or refrigerant is supported. No certification or compatibility claim is made.