

Product Information

District heating pipe network monitoring

Product overview

LANCIER Monitoring offers a wide range of effective solutions for the increasing requirements of comprehensive district heating monitoring.

Here is our overview of the key products.

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Technical data	PipeAlarm2	PipeAlarm2 LTE/UMS	PipeMonitor			ContactAlarm2 LTE/UMS
			NiCr	Cu	HDW	
Product illustration						
Loop Measurement	✓	✓	✓	✓	✓	✗
Insulation Measurement against pipe	✓	✓	✓	✓	✓	✗
Insulation Measurement a-wire against b-wire	✗	✗	✗	✗	✓	✗
Measuring loops	2	2	2 - 10	2 - 10	2 - 10	✗
Max. pipe length <u>NiCr</u>	750 / 1,000 m		750 / 1,500 m	✗	✗	✗
Max. pipe length <u>Cu</u>	3,000 m		3,000 m			✗
Fault location <u>NiCr</u>	✗	✗	✓	✗	✗	✗
Pipe connection control	✓	✓	✓	✓	✓	✗
Temperature monitoring	✗	✓	✓*	✓*	✓*	✓
Status / measured value display on site	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Alarm output contacts	2	✗	4 - 20	4 - 20	4 - 20	✗
Modbus protocol (measurement forwarding)	✗	✗	✓	✓	✓	✗
Mobile phone connection	✗	✓	✓*	✓*	✓*	✓
Switching status reading	✗	2	✓*	✓*	✓*	4 remote/2 near contacts
Power supply	110/230 V AC	Lithium battery	110-230 V AC, 24-60 V DC			Lithium battery
Manual Operation	on site		on site + remote			on site
Modular expandability	✗	✗	✓	✓	✓	✗

*) *Option*: Can be realised by optional modules.