

Product Information






District heating pipe network monitoring

Product overview

The rising use of district heating constantly increases the requirements for an effective, affordable and comprehensive monitoring of the corresponding pipe network.

LANCIER Monitoring offers a wide range of district heating monitoring solutions. Here is our overview of the key products.

LANCIER Monitoring GmbH
Gustav-Stresemann-Weg 11
48155 Münster, Germany
Tel. +49 (0) 251 674 999-0
Fax +49 (0) 251 674 999-99
mail@lancier-monitoring.de
www.lancier-monitoring.de

Technical data	PipeAlarm2	PipeAlarm2 GSM	PipeMonitor NiCr	PipeMonitor Cu	PipeCheck
Product illustration					
Measurand	Insulation and loop resistance in Ω	Insulation and loop resistance in Ω	Insulation and loop resistance in Ω	Insulation and loop resistance in Ω	Insulation and loop resistance in Ω
Measuring channels	2	2	2 - 10	2 - 10	1
Numbers of pipes	2	2	2 - 10	2 - 10	1
Max. pipe length <u>NiCr</u>	750 / 1,500 m	750 / 1,500 m	750 / 1,500 m	X	2,500 m
Max. pipe length <u>Cu</u>	3,000 m	3,000 m	4,000 m	4,000 m	4,000 m
Fault location <u>NiCr</u>	X	X	✓	X	X
Pipe connection control	✓	✓	✓	✓	✓
Status / measured value display on site	✓ / ✓ (via Laptop)	✓ / ✓ (via Laptop)	✓ / ✓	✓ / ✓	X / ✓
Alarm output contacts	2	X	4 - 20	4 - 20	X
Modbus protocol (measurement forwarding)	X	X	✓	✓	X
GSM Alarm (SMS)	X	✓	✓*	✓*	X
GPRS connection (online connection)	X	X	✓**	✓**	X
Switching status reading	X	2	X**	X**	X
Power supply	110/230 V AC	Lithium battery	110-230 V AC 24-60 V DC	110-230 V AC 24-60 V DC	Li-Ion Akku 7,6 V DC
Operation	on site	on site	on site + remote	on site + remote	on site
Modular expandability	X	X	✓	✓	X

*) Option

All above listed stand-alone instruments may be integrated into the LANCIER UMS Server Software for remote controlling, measurement recording etc.

**) Option

Can be realised by optional modules.