

Product information

Leakage and Level Monitor MR-LD6

Monitoring of water leaks and fill levels



Part number 11084413



Intuitive handling

- jumper plug to transmit voltage supply and bus connection, devices can be mounted side-by-side



Configuration software

- to configure sensors and actuators



Compact housing design

- front height of 45 mm to mount in electrical installation distributors



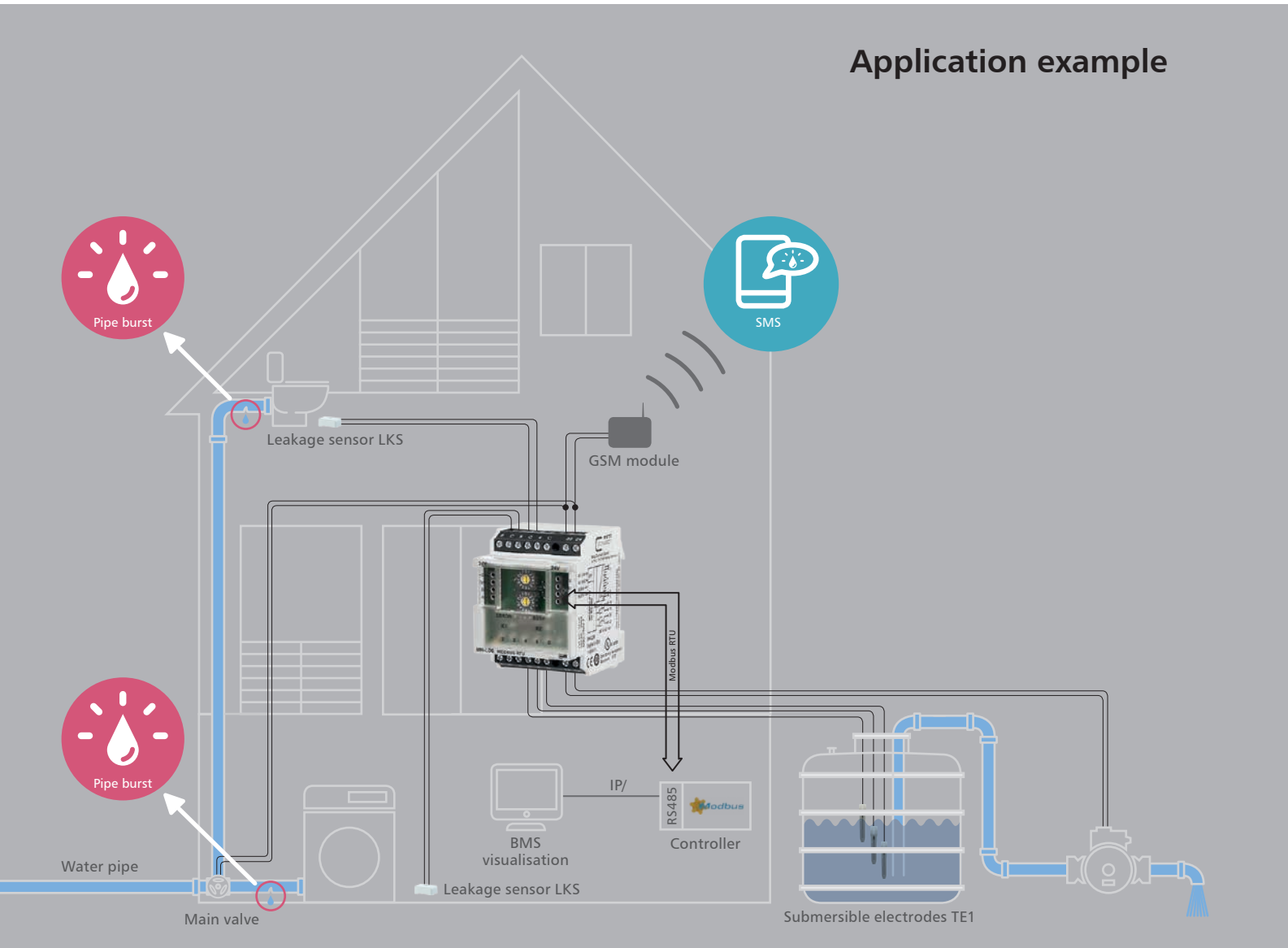
Wire break monitoring







- Fault indication in case of cable break at leakage sensors

Water leaks at pipes, fittings or equipment for example in server rooms, data centers, heating and air-conditioning system rooms as well as in archives and libraries may cause considerable damages on buildings and structures as well as on fixtures and furnishings. Especially gradual damages caused by long-term leaks are difficult and expensive to repair because the pipes are often installed in double floors, suspended ceilings or cavity walls. To prevent such cost, METZ CONNECT offers the new leakage and level monitor MR-LD6. It can be rapidly and easily integrated into the building control system via Modbus RTU protocol but also be used individually without control center. The leakage and level monitor MR-LD6 monitors and locates leaks of electrically conductive fluids caused for example by a pipe burst. Functioning of the MR-LD6 is based on the resistance measurement of

the conductive fluid. In addition, it can monitor fill levels of containers such as well systems or cisterns by means of submersible electrodes (TE1 for ex.). Two integrated relay outputs serve to switch magnetic valves and pumps or to signal a pipe burst. The MR-LD6 also detects and signals a cable break (necessary are appropriate sensors, for ex. LKS-ZD). The MR-LD6 can be configured for different applications with the MR-CT software of METZ CONNECT. Possible are for example leakage monitoring of one fill level with three submersible electrodes and four rooms or leakage monitoring of six rooms and/or other constellations.

Application example



						
Type	MR-LD6	LKS1	LKS-ZD	TE1	Power supply NG4 HS	MR-CT Software
Part number	11084413	110329	11032902	110324	110561	110849
Leakage sensor	-	X	X	-	-	-
Leakage sensor with wire break monitoring	-	-	X	-	-	-
Submersible electrode / fill level	-	-	-	X	-	-
Configuration software	-	-	-	-	-	X



We realize ideas

METZ CONNECT GmbH

Im Tal 2
78176 Blumberg
Germany

Ph. +49 7702 533-0
Fax +49 7702 533-189
www.metz-connect.com

