

Product Information

Leakage and Level Sensor MR-LD6

Detecting Water Leaks and Levels



P/N 11084413

Water leakages in pipes, fittings or systems, e.g. in server rooms, computer centres, air conditioning and heating centers as well as archives and libraries, can cause considerable damage to buildings and their inventory and equipment. Gradual damage caused by leaks, occurring over a long period of time, can only be eliminated with great effort and high costs, as the pipes are often installed in double floors, suspended ceilings or hollow wall construction. To avoid these costs, METZ CONNECT offers a new leakage/level sensor MR-LD6, which can be quickly and conveniently integrated into the building control system via the Modbus RTU protocol or used independently without a control center. The leakage/level sensor MR-LD6 monitors and locates leakage points caused, for example, by a pipe rupture, using an

Intuitive Operation

- › Strapping plug for forwarding the power supply and bus connection, devices are stackable

Configuration Software

- › for setting up sensors and actuators

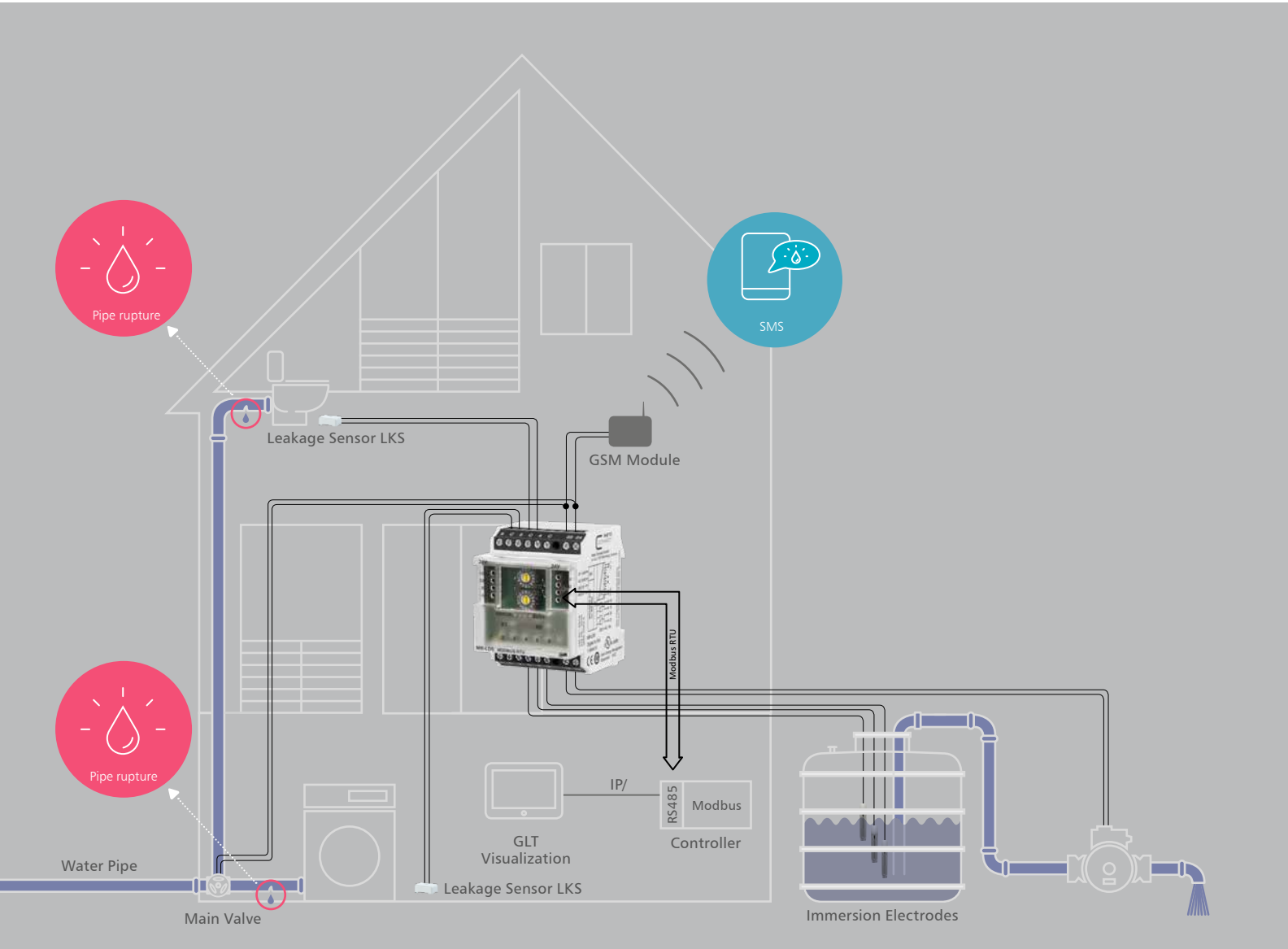
Compact Design

- › 45 mm cap dimension for installation in an electrical distribution board

Wire Breakage Monitoring

- › Error message in case of cable break at leakage sensors

electrically conductive liquid. The MR-LD6 functions by measuring the resistance of the conductive liquid. In addition, immersion electrodes (e.g. TE1) can be used to monitor levels in containers such as wells or cisterns. Two integrated relay outputs are used to switch magnetic valves and pumps or to signal a pipe rupture. A cable break is detected and signalled by the MR-LD6 (suitable sensors required, e.g. LKS-ZD). The MR-LD6 can be configured for different applications using MR-CT software from METZ CONNECT. In this way, for example, a level with three immersion electrodes and four chambers can be monitored for leakage, or, for example, six chambers can be monitored for leakage and/or other line-ups.



						
Type	MR-LD6	LKS1	LKS-ZD	TE1	Power supply NG4 HS	MR-CT Software
P/N	11084413	110329	11032902	110324	110561	110849
Leakage sensor	-	X	X	-	-	-
Leakage sensor with wire breakage monitoring	-	-	X	-	-	-
Immersion electrode/level	-	-	-	X	-	-
Configuration software	-	-	-	-	-	X