

Fault finding / causes / remedies for pressure leak detector D25 / D26

General information – authorized staff

Assembly, starting up, maintenance and repair of this leak detector have to be carried out only by specialists with proven knowledge of the construction and operation of systems for handling liquids that are hazardous to water, as well as special knowledge in leak detection systems.

Furthermore, the specialists must also have sufficient knowledge in the area of fire and explosion protection.

In general once a fault has been found and remedied, a function check should be carried out in accordance with the relevant technical specification for the leak detector

Fault / defect	Cause	Remedy
Leak detector on alarm status (red light, buzzer);	Leakage within leak detector D25: pressure level has fallen below the alarm initiation value; D26: feeding insufficient in order to compensate leakage	Check connections to / within the leak detector for leakages; apply leak detection solution to the connections with a brush - do not spray on; quick coupling can be checked for any air bubbles by using a glass of water; for D26: check also pressure reducer, seal leaking part or replace leak detector
	Connections to the monitoring space / leak detector are leaking / blocked (screw fittings, pipes, test valves)	Check connections for any leakage
	Pipe leaking	Repair pipe
	Only D26: timer is defective / set incorrectly; magnetic valve is defective, no feeding of nitrogen; check valve is leaking; if nitrogen cylinder is empty then pressure can escape from the monitoring system	Set timer to correct time and check that it is working; refer to technical specification. Check whether magnetic valve is working. Check the check valve; there is no flow / leak through the feeder pipe allowed
	Pressure switch defective (micro switch defective, switching points incorrect)	Check switching points: Attach test device, check switching points and, if necessary, adjust according to the instructions for adjustment
Power light (green) OFF	No supply voltage	Check voltage and electrical connections
	Light defective	Replace light