

Leak detection technology

For a clean and protected environment



Overpressure leak detector DLR-P

for double walled pipes and double walled fittings in several variations:



DLR-P 1.1 in plastic housing



DLR-P 1.1 PM
Weather protected design
with integrated pressure
indication

DLR-P ... the one with less maintenance

- an integrated overpressure pump realizes 100% continuous pressure monitoring with little maintenance as small pressure losses are compensated automatically.
- a dry filter reduces the humidity of the used air to avoid condensation and corrosion in the interstitial space
- ideally for pressure less pipes on petrol stations like fill pipes, suction pipes and vapour recovery pipes
- also ideally for the reorganization of pipes with static leak detectors, which have frequent alarm conditions because of minor untightnesses.
- different versions available depending on the operating pressure in the inner pipe:

DLR-P 1,1: for pressure less pipes

DLR-P 2,0: for pipes with 1,0 bar operating pressure

DLR-P 2,3: for pipes with 1,3 bar operating pressure

DLR-P 2,5: for pipes with 1,5 bar operating pressure

DLR-P 3,0: for pipes with 2,0 bar operating pressure

- air as leak detection media, no nitrogen bottle required
- Caution: not to be used together with pressurised pipes together with submersible pump systems. Not recommended for pipes with inner pipe made from plastic if liquids with flash point below 55°C are conveyed.
- Optionally DLR-P .. in plastic housing for indoor use or DLR-P .. PM weather protected for outside use.
- Dry relay contacts for alarm transmitting are standard in all types
- All leak detectors are in conformity with the European standard EN 13160 and fulfil the highest environmental protection level.
- CE- marked and with German approval Z – 65.26-349

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Overpressure leak detector DLR-P..

For the monitoring of:

Double walled metal or plastic pipes or fittings suitable to be connected to an overpressure leak detector.
A sufficient pressure resistance of the interstitial space is required.

Liquids to be monitored:

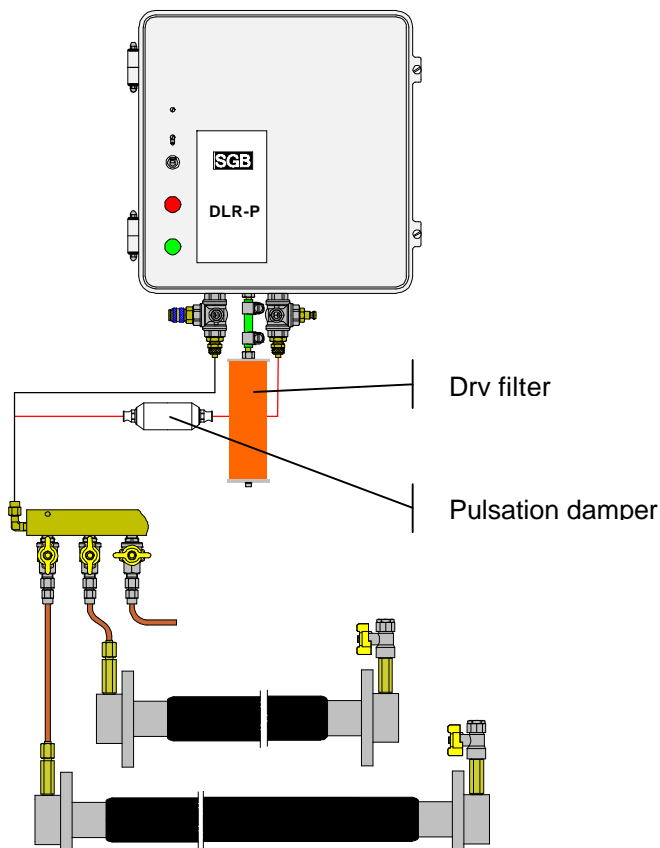
Water polluting liquids: e.g.: petrol, diesel, lye, acid, etc.

With air as leak detection media in the interstitial space, it shall be clarified that there are no negative reactions with the conveyed product (explosion protection measures in the inner pipe or the equipment of the inner pipe like submersible pumps) and that the inner wall of the double walled pipe is permeation tight (metallic) to avoid the permanent existence of explosive vapours in the interstitial space.

approvals: Germany: Z – 65.26-349

Installation example:

Several ducts of double walled pipe can be connected serial or parallel with manifolds to one leak detector.



Installation advice:

The leak detectors shall not be installed in hazardous classified locations.

Outside closed and dry places the weather protected version DLR-P .. PM shall be used. The pneumatic connection lines shall be made of suitable and pressure resistant metallic or plastic tubes.

All works shall be carried out by a qualified person.

Please contact us, we are happy to be of any assistance.

Subject to changes. Photos and dimensions are not binding for the extend of delivery.

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