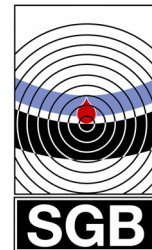


Leak detection technology

For a clean and protected environment



Overpressure leak detector DLR...

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



DLR-G ... for all purposes

- available with alarm pressures from 1 to 20 bar (1 bar steps).
- in the operating modus S the leak detector will regulate automatically the operating pressure out of a connected pressure supply (inert gas bottle or net).
- in the operating modus M the manually build up pressure is monitored.
- air or nitrogen as leak detection media possible



DLR-GS ... the sensitive solution

- for monitoring a manually built up overpressure in the interstice.
- for up to 22 bar operating pressure in the interstice. The pressure switch values are free adjustable and are selected depending on the operating pressure in the inner pipe.
- air or nitrogen as leak detection media possible



DLR-P ... the one with less maintenance

- ideally for the reorganization of pipes with static leak detectors, which have frequent alarm conditions because of small leakages
- the integrated pump cares for operating with little maintenance as small pressure losses are compensated automatically
- different versions available depending on the operating pressure in the inner pipe:
 - DLR-P 1,1: for pressureless pipes
 - DLR-P 2,3: for pipes with 1,3 bar operating pressure
 - DLR-P 3,0: for pipes with 2,0 bar operating pressure
- air as leak detection media

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.

Sold by:



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Leak detection technology

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Overpressure leak detector DLR..

For the monitoring of:

Double walled metal or plastic pipes or armatures suitable to be connected to an overpressure leak detector. The leak detector DLR-G in operating modus M and the leak detector DLR-GS only for all underground pipes and for aboveground pipes when temperature changes are less than +/- 10 °C. A sufficient pressure resistance of the interstitial space is required.

Liquids to be monitored:

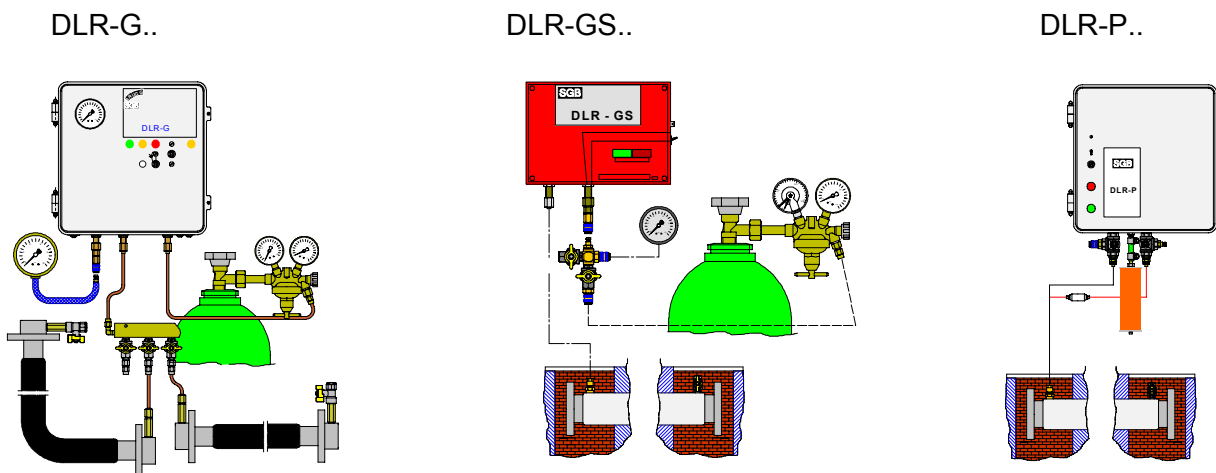
Water polluting liquids: e.g.: petrol, diesel, lye, acid, etc.

If air is used 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).

approvals: Germany: Z – 65.26-349

Installation examples:

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 leak detector shall be installed in a weather protection box with window. The pneumatical 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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