

Leak detection technology

For a clean and protected environment



**Monitors up to
6 tanks**

Vacuum leak detector VLX-S 350 M



Vacuum leak detector VLX-S 350 M
6 displays/sensors (above) and with 1 display/sensor (below)



Installation kit for VLX-S 350 M

> The static operating leak detection system for the monitoring of double walled tanks with a suction line for the leak detector to the deepest point of the interstice.

The leak detection system consists out of an indicating unit and up to 6 explosion proof sensors pneumatically connected to the interstice.

The interstitial space is evacuated once with an external pump up to an under pressure of approximately 700 mbar. The leak detector continuously monitors this pressure. A digital display shows the actual pressure in the system.

In case of a leak the pressure will change. When reaching the alarm pressure the leak indicating unit will indicate the alarm condition optical, audible and by the opening of a dry relay contact.

With the optional LOD-Service (Leak Detection Online Diagnostic) the operating status, the actual pressure in the system and the need for re-evacuation can be monitored on our LOD-webpage. Alarms and service-indications can be automatically transmitted via SMS or e-mail to a specified person to initiate further action (only for VLX-S 350 M with 1 sensor).

This leak detection system fulfils the high environmental protection requirements of EN 13160 Class I.

Monitorable containments:

- Tanks with rigid inner linings with suction line for the leak detector to the deepest point of interstice and being qualified to be monitored with the VLX-S 350 M.

Monitorable liquids:

- Water polluting liquids as petrol, diesel, heating oil or similar.

Conformity:

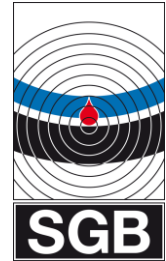
- EN 13160 Class I

Switching values:

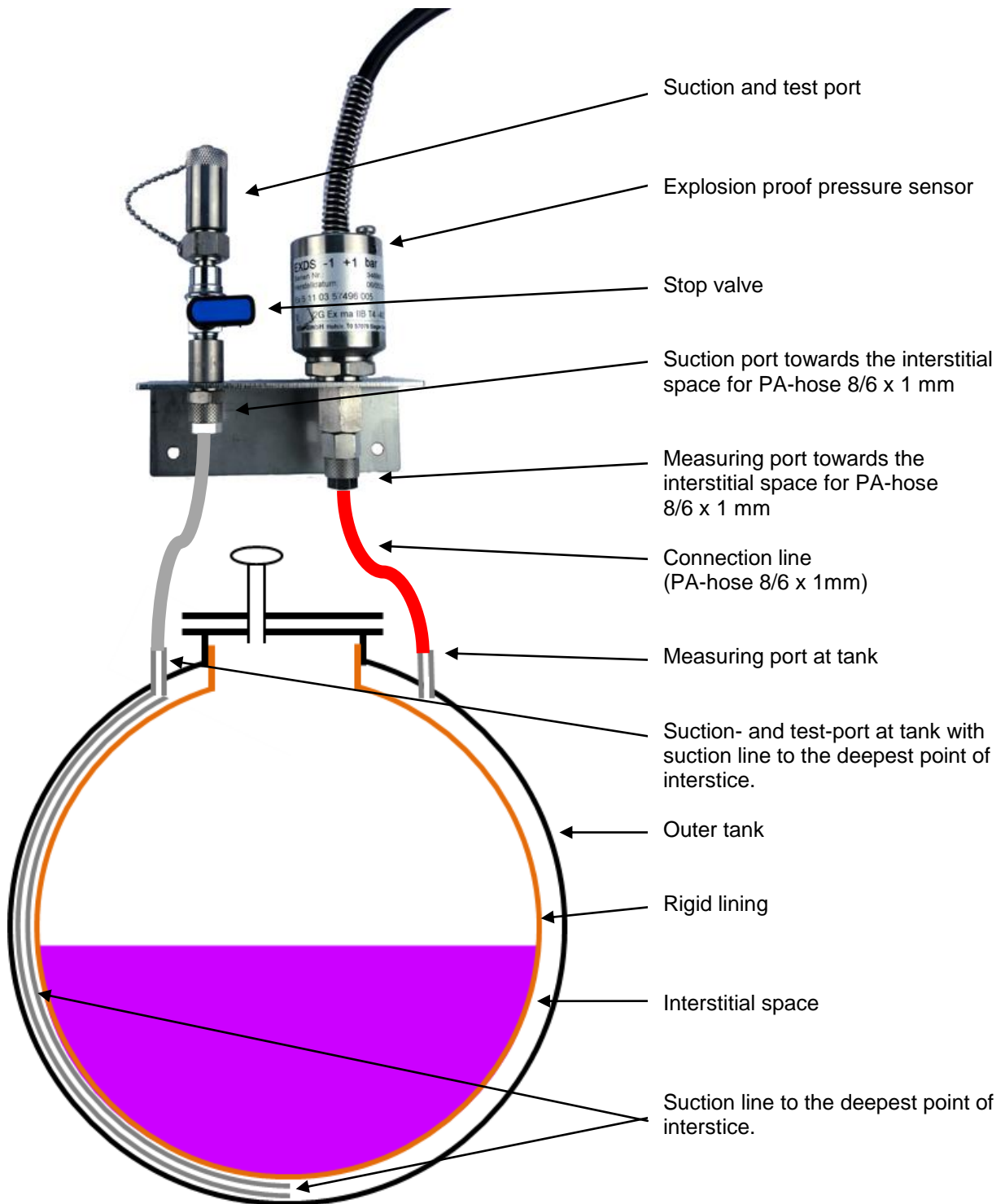
Alarm underpressure	Operating underpressure	Vacuum resistance interstice
>350 mbar	ca. -700 mbar	>900 mbar

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Vacuum leak detector VLX-S 350 M – installation scheme



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