

problem
analysis
solution

kommu...
inspiration
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Maßnahmen

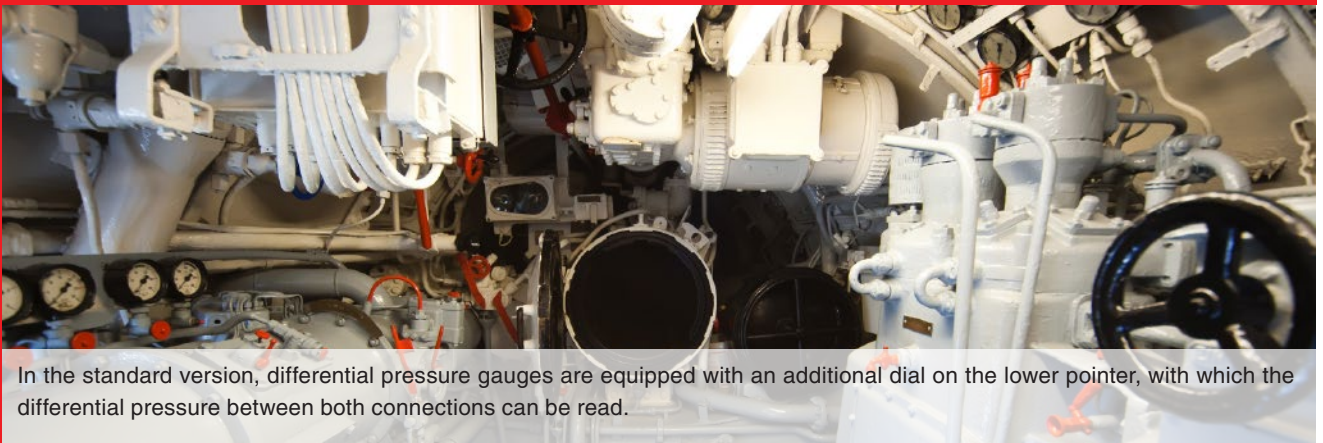
Differential Pressure Measurement in Submarines



Application:

Pressure monitoring – Duplex pressure gauge with differential pressure indicator

for submarine yards, operators of differential pressure measuring instruments



In the standard version, differential pressure gauges are equipped with an additional dial on the lower pointer, with which the differential pressure between both connections can be read.

The problem:

For differential pressures, in some cases it shall be obvious at the first glance if the pressure is within a certain measuring range. Furthermore, the pressure gauge must be readable even in the dark (without lighting).



without differential pressure



15 bar differential pressure

Our solution:

Duplex pressure gauges with two special indicator dials, black case and luminescent scale. A red field appears at a certain pressure range, as requested by the customer. Additionally, the white scale is coated with a luminescent colour, which ensures the visibility in the dark.



luminescent scale



Well monitored with: Differential pressure gauge DiRCh 100 – 1 Rh

- ◆ Mounting device according to your requirements
- ◆ Case colour fitting to the ambiance
- ◆ Dial design fitted to the requirements on site
- ◆ Also available in stainless steel