

Differential Pressure Measurements.

[underwater usage]

MSA-S-B-0002-DP.

- Developed a special watertight, stainless steel housing with a modular construction.
- Is suitable for use to a depth of 500 m.
- Process connection with standard DN 15 flange, other flanges on request.
- The watertight, electrical connection is standard a 6P male metal shell connector.
- Measuring range adjustable up to a maximum of 20 bar.

Differential Pressure Transducer.

Specifications:

- | | |
|--|----------------------------|
| • Overall accuracy: | ± 0.15%. |
| • Upper range limit [ULR]: | 2.5 bar |
| • Long-term stability: | ± 0.125% ULR over 5 years. |
| • Maximum permissible [peak]pressure without any damage: | 250 bar. |
| • Turn down ratio: | 100:1. |
| • Output signal: | 4 – 20 mA. (HART). |
| • Optional available with: | |
| ○ Accuracy up to 0,1% | |
| ○ Pressures up to ±20 bar. | |
| ○ Canbus interface, profibus, fieldbus .. | |

There are 3 models of underwater differential pressure measurements.

- “differential pressure over the drag head”.
- differential pressure transducer for use over a greater distance.
- differential pressure transducer for use across a water pump.

