

Hopper Level Measurements.

MSA-S-B-0021.

- The transducers will be held at a sufficient distance from the hopper wall and parallel to the fluid's surface.
- For fluid loads are determined using at least three transducers.
- For solid loads, a larger number is required.
- Transducers are suitable for measuring hopper levels up to 20 m.

Ultrasonic Level Transducer.

Specifications:

The control unit is used to process output signals from the level transducer with integrated temperature sensor.

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| • Suitable for measuring hopper levels up to: | 20 m. |
| • Control unit's accuracy: | $\pm 0.25\%$ or 6 mm. |
| • Temperature error with compensation: | $\pm 0.09\%$ of the measuring range. |
| • Temperature error without compensation: | $\pm 0.17\%/^{\circ}\text{C}$ change from a fixed pre-defined temperature. |
| • Output signal: | 4 – 20 mA. (analog)*. |

*Other output signals on request.

Above transducers can be used for:

- On board trailing suction hopper dredgers as hopper level measuring system.

