Stainless Steel Housing – built for better hygiene

Stainless Steel Housing

Stainless steel housing is the preferred material in the food and beverage and pharma industries for good reasons. Stainless steel is highly corrosion resistant with good pitting resistance. Its surface will stay smooth and non-reactive even after extended use. Most importantly, stainless steel conforms to hygiene regulations worldwide.

Complete hygienic measuring device portfolio in stainless steel

- **OPTIFLUX 6100 C**
- **OPTIWAVE 5200**
- **H250 M40**
- **SMARTMAC 200 W with SMART PAT PH 8570**
- **OPTITEMP TRA-H30**
- **MAC 100 W withOPTISENS IND 7000**
- **OPTIBAR PC/PM 5060 with SMARTPAT PH 8570**
The housing concept represents another industry first for KROHNE – a singular converter housing for electromagnetic flow as well as analytic measurement devices. Quick to commission, with minimal training times and hardware standardization. In lay to day operations, the interface is in line with the KRÖHNE user interface with a large backlit graphic display, and the four push button operator controls which are accessible without opening the housing. Intuitive navigation and quick menu setup in multiple languages make the device extra easy to work with for operators worldwide.

Clean by design, built to stay that way

We offer our housing in two mounting options: a compact version which sits directly atop the sensor at a 10° angle, and the wall-mount option, which is physically separated from the sensor (analytic devices only available as wall-mount). Both versions feature the same dirt resistant shape with rounded edges ensuring that water does not have a chance to pool on the device. Dirt cannot accumulate and slides right off. The converters are easy to clean using common cleaning methods in wash-downs.

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No harbourage areas

Good design addresses potential problems before they occur. Often the really good solutions are in the details: Smart sealing means there simply are no nooks and crannies for dirt to lodge around the seals – the special seal design under each screw prevents it. Tight EPDM sealing all around between the top and bottom keeps the housing impenetrable for dust and water.

All features at a glance

- Robust 2 mm thick high grade stainless steel (1.4404/316L)
- IP66/67/69 protection class
- 10° mounting angle in compact option prevents pooling
- Non-glass display window
- Easy access keys, operable without opening the housing
- Compatible with common chemicals used in wash downs
- EX in remote version

Contact

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