

Weathering the stiffest breezes: tests confirm that Sendix series is resistant to seawater

Encoders are increasingly being used outdoors; this is becoming progressively more popular in coastal and offshore projects. Kübler GmbH has now added seawater resistant Sendix encoders to its product portfolio in order to address applications in this demanding environment.

The Sendix family of devices already has a proven history when it comes to harsh applications and has now in addition been certified to IEC 68-2-11 for its resistance to the effects of salt-spray for a period exceeding 672 hours - the highest test level. This encoder family thus guarantees tested safety and reliability - not only for the magnetic Sendix range but also for the high-precision optical Sendix absolute encoders and their numerous Fieldbus versions. The choice ranges from compact encoders with a size of 36 mm diameter up to 58 mm standard devices. The high certification level for the Sendix encoders attests not only to particularly good corrosion-resistance, but also to their excellent aging properties.

**Tested
Salt-Spray-Test
IEC 68-2-11**



As Sendix had already been designed for use in demanding outdoor conditions, the particularly high protection rating - up to IP69K - as well as the wide temperature range from -40 up to +85°C count amongst the plus factors of the new device versions. In addition these rugged encoders place the emphasis, both mechanically as well as electronically, on outstanding safety and accuracy, incorporating Kübler's latest patented technologies, such as Safety-Lock™. Consequently they are ideal for use in commercial vehicles, wind energy, dockside cranes or offshore installations.

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