# Press Release

**Inductive marine sensors for onshore and offshore systems**

(31/10/2018) Inductive marine sensors by Baumer were specifically developed for use in harsh environments. In order to minimize the planning work involved in the development phase for onshore and offshore system manufacturers, these sensors already have the required DNVGL-CG-0339 certification for marine applications. This simplifies sensor selection and significantly reduces the effort required for testing and approval to meet M.E.D. requirements (Marine Equipment Directive 96/98/EC).

Thanks to their increased resistance to salt air, salt water, high vibrations and EMC, the inductive proximity switches are highly durable and meet the strictest requirements in the field of maritime equipment, such as harbor cranes, wind power plants or marine propulsion systems. To meet these requirements and to guarantee high fail-safe characteristics, the marine sensors are equipped with an integrated diagnostic function. This allows cable ruptures to be detected quickly and reliably, and the sensor function to be monitored without the need to invest in additional, complementary counter inputs for rotational speed measurements.

The inductive marine sensors by Baumer are available in corrosion-resistant metal housings in M12 and M18 sizes, with a sensing distance of up to 10 mm, a switching frequency of up to 1 kHz and an operating range from -40 to +75 °C.

Further information: www.baumer.com/sturdy-inductive

Photo: Baumer inductive marine sensors with DNVGL certification

Number of characters (with spaces): approx. 1420

Text and picture download at: [**www.baumer.com/press**](http://www.baumer.com/press)

**Baumer Group**

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