Upstream oil & gas solutions
Low power gauge pressure transmitter

266HSH low-power gauge pressure transmitter delivers high and long lasting performance even in remote locations where the power source is limited to solar and battery. The low-power transmitter features 1 to 5 V DC output with superimposed digital HART 7 signal. With measurement ranges of 0-80, 0-1500, 0-6000 and 0-10000 as well as turn down ability, application needs are covered. The units feature NACE MR103 compliant wetted materials.

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Applications

266HSH low power pressure transmitter features 1 to 5 V DC output with a 3 mA maximum consumption. Primary applications for the low-power transmitter is in the upstream oil & gas industry. There, ABB transmitters are used to measure gauge pressure measurements on casing and tubing on well heads. Another application is on separator vessels where production fluids are split into their constituent components of oil, gas and water.

Increased productivity and customer focus

The ABB 266HSH electronics’ module features integrated LCD with basic device settings. Together with the terminal block, it is designed as a plug & play version which can easily be replaced in the field. The auto-configuration functionality eliminates the need for reconfiguration.

The intuitive, multilingual menu allows the parametrization of the pressure transmitter without the need of an external configurator. These features highlight ABB’s passion and commitment to provide tailored solutions and ease of operation.

The wide dot matrix LCD with improved visibility is based on FSTN technology and allows users to constantly keep device and process under control in all light conditions.

With its ultra low consumption, ABB device can easily be integrated to existing solar-powered systems lowering total expenditures on site.

Today, existing applications are based on pressure sensors associated with gauges. A single LCD-equipped, pressure transmitter improves the quality and ease of operation: no more mechanical process interfaces are needed.

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