ABB's mission is to be the digital partner customer are looking for, and PxS100 was designed to incorporate digital features while keeping the simplicity of a device which efficiently delivers core specs.

PxS100 features QR codes to increase efficiency and productivity of customers by reducing the time needed to react to field occurrences.

**Documentation QR code**
Highly visible on each product label, a printed QR code leads to the ABB.com webpage containing where technical data sheets and manuals are. No more wasted minutes to go back to a PC station or to find a paper copy.

**Diagnostic QR code**
The available option “Digital Access Diagnostics”, allows to retrieve information about the device conditions in combination with valuable data such detailed errors description, potential causes and suggested actions. Reaction speed is improved, either in case of local autonomous intervention or acknowledgment to follow up with ABB Service and support.

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PxS100 Pressure Transmitter
Measurement Made Easy

PxS100 is the new Pressure transmitter from ABB, designed to fit markets with standard specifications but subject to fast-to-serve dynamics.

Its compact stainless steel housing grants robustness, resistance to humidity and vibration, while incorporating a new high visibility display with backlight option. Easiness of use of the new touch HMI is enhanced by the Easy Set up feature, a firmware option to easily configure device parameters from the display itself.

Gauge and Absolute measurement types are available with a range of sensors to expand measuring capability from 40 mbar (16 inH2O) up to 100 bar (1450 psi). While leveraging the turndown capacity of the device, no compromises are necessary on accuracy, available with a 0.1% extended option.

ABB unique technologies like Diaflex (anti-abrasion) or H-Shield (anti hydrogen permeation) come handy if applications demand more.

PxS100 offers integral process connections to be combined with a wide selection of adapters and flanges to ensure mechanical fitting to any process point.

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The benefits

### Design on needs
The right feature package to satisfy application requirements:
- Backlit touch display for low visibility environments
- Coating against abrasion H-Shield coating against hydrogen permeation
- 316L housing against vibration, condensation and humidity
- Analog and HART communication protocol
- Asset management interoperability
- Hazardous locations certificates packages

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### Fast delivery
Providing the essential options, the PxS100 is quick and easy to specify. Largely but not only available from stock from ABB Channel Partners, each PxS100 device can be rapidly customized, cutting serving lead times to just few days.

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### Competitiveness
A competitive solution for most applications, from the basic measurement points to the demanding ones. PxS100 is manufactured leveraging ABB proven sensor technology and automated manufacturing processes.

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Application segments

The fast-paced environment in which we live today embodies characteristics according to the business sector, but there is one common key to success: speed of service. Upon this premise, ABB Measurement & Analytics has been working on improving its offering for Pressure transmitter to provide customers with an even more complete portfolio.

PxS100 has been in fact developed to be fast and Competitive to express its best potential in the following segments:
- Water and Wastewater
- Pulp and Paper
- Power Generation Ancillary Processes
- Metals & Mining
- Cement production