

SMARTMAC 200 W: New operating device for SMARTPAT series

- New 2-wire loop powered operating device for process analysis sensors
- Reading, calibration and configuration of SMARTPAT process analysis sensors on site
- HART 7 communication and process/device diagnostics according to NAMUR NE 107

Text:

Duisburg, June 6, 2016: With SMARTMAC 200 W, KROHNE introduces a 2-wire loop powered operating device with HART 7 communication to the SMARTPAT series. The target industries for SMARTMAC include all industries that use SMARTPAT sensors or accessories: the chemical, petrochemical, pharmaceutical and food & beverage sectors as well as power plants, semiconductor and water/wastewater applications.

SMARTPAT is a series of process analytical technology, its highlight are the process analysis sensors with integrated transmitter technology: each sensor is directly connected to the process control system via 4...20 mA/HART without the use of an external transmitter. Nevertheless, there is still a demand for a convenient operating device on site. Therefore, SMARTMAC 200 W was developed as an optional 2-wire loop-powered operating device.

With SMARTMAC 200 W, SMARTPAT sensors can be read, calibrated and configured "online" at the measuring point. It features HART 7 communication and shows clear and configurable diagnostics according to NAMUR NE 107. With the replacement function, the connected SMARTPAT sensor can easily be exchanged as all sensor settings can be copied for the new sensor, including 4...20 mA parameter and TAG identification.

For convenient use, SMARTMAC 200 W features English, German, French, Spanish and Italian as operating languages. The die-cast aluminum housing (identical to IFC 100 W and MAC 100 W signal converters) offers ingress protection rating IP66/ IP67 (acc. to NEMA 4/4X).

About KROHNE: KROHNE is a full-service provider for process measuring technology for the measurement of flow, mass flow, level, pressure and temperature as well as analytical tasks. Founded in 1921 and headquartered in Duisburg, Germany, the company employs over 3,500 people all over the world and is present on all continents. KROHNE stands for innovation and maximum product quality and is one of the market leaders in industrial process measuring technology.

Picture:



Caption: Latest addition to the SMARTPAT series: SMARTMAC 200 W 2-wire loop powered operating device with HART 7 communication

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