

Press release

Easy parameterization of electronic pressure switches with smartphone app

The parameterization of Trafags electronic pressure switches NAT 8252, NAH 8254 as well as NAR 8258 can now be carried out easily and directly on site with the Sensor Master Interface and the corresponding smartphone app.

Bubikon, June 2018 - Until now, electronic pressure switches with different device configurations had to be kept in stock. In addition, optimization during system development was quite complex. The Sensor Master Interface (SMI) and the associated Smartphone App Sensor Master Communicator (SMC) eliminate these circumstances: The electronic pressure switch to be configured is connected to the SMI. Afterwards, the parameters can be easily and conveniently adjusted using the SMC app when the Bluetooth connection on the smartphone is working.

Trafag electronic pressure switches

The parameters of the electronic pressure switches NAT 8252, NAH 8254 and NAR 8258 include switching outputs, the hysteresis and window function modes with the NC and NO options. A delay time can be defined for each switching output. A „Device ready“ monitoring mode is available for the second switching output. In this mode, the output status changes as soon as the start-up phase is successfully completed. If an error occurs during operation of the electronic pressure switch, the output returns to idle mode. The electronic pressure switches are based on the proven device types NAT 8252 (0.5%), NAH 8254 (0.3%) and NAR 8258 (railway applications) and are available with 1 or 2 PNP switching outputs. A maximum switching current of 400 mA is permissible in the sum of both outputs over a temperature range of -40...+85°C. However, 200 mA are permissible over the entire temperature range (-40 to +125°C). These characteristics make the NAT 8252, NAH 8254 and NAR 8258 electronic pressure switches versatile devices in applications such as mechanical engineering, refrigeration, process engineering, hydraulics or even in rail vehicles.

Features

- Read out of sensor data
- Parameterization of switching points on NAX pressure switches
- Fast and easy operation via Android App „Sensor Master Communicator SMC“
- Reset pressure measurement instruments to factory settings



The parameterization of Trafag's electronic pressure switches can now be set easily on site by the Sensor Master Interface (black box) and the corresponding smartphone App.

Documents

Data sheet SMI	www.trafag.com/H72618
Flyer SMI	www.trafag.com/H70602
Instruction SMI	www.trafag.com/H73618
Data sheet NAT 8252	www.trafag.com/H72303
Data sheet NAH 8254	www.trafag.com/H72304
Data sheet NAR 8258	www.trafag.com/H72307

Trafag AG sensors & controls

Trafag is a leading global supplier of high quality sensors and monitoring instruments for measurement of pressure, temperature and gas density. Trafag, a Swiss-based company founded in 1942, is supported by a broad sales and service network in over 40 countries across the world. This allows Trafag to offer customers personalised and competent advice and ensures the best possible service. High-performance development and production departments not only guarantee the fast and reliable delivery of our high-quality and high-precision products, but also ensure that customisations can be implemented in a short time.