

Press Release

Your durable, compact and reliable solution for pressure measurement with 0.3 % accuracy: Miniature hydraulics pressure transmitter NAH 8254

Swiss based Trafag presents the new miniature pressure transmitter NAH 8254 which is a very compact solution for precise pressure monitoring in countless applications. Thanks to the extraordinary robustness, reliability and the 0.3 % accuracy, the NAH 8254 is particularly suitable for applications like mobile hydraulics, machine tools, refrigeration and process technology.

Bubikon, June 2015 – The heart of the new pressure transmitter NAH 8254 is Trafag's very robust and extraordinarily stable thin-film-on-steel sensing element which remains accurate and reliable even under rough conditions (like pressure peaks, high temperatures or shock and vibration) due to the triple overpressure safety and the fully welded design. The electronics are based on the in-house designed ASIC, an application specific microchip which achieves optimal temperature compensation and linearization of the measurement over the whole operating temperature range.

The NAH 8254 is a preferable device in applications which require an accuracy of ± 0.3 % and/or temperature compensation and linearization of the measurement over the wide operating temperature range of $-40 \dots 125^\circ\text{C}$. The absolutely tight construction above 60 bar combined with the wide operating temperature range are ideal preconditions for outdoor applications like mobile hydraulics.

The pressure transmitter NAH 8254 is readily available in the pressure ranges from 0...2.5 bar to 0...600 bar. The output signals comprise 4...20mA, 0...10V, 0...5V, 1...6V and 0.5...4.5V (ratiometric). The popular pressure connections as well as the electrical connections M12, DIN industrial standard and cable options are available.

Data sheet: www.trafag.com/H72304



**Trafag's miniature hydraulics pressure transmitter NAH 8254:
Durable, compact, reliable with 0.3 % accuracy - for numerous applications.**

Advantages and Properties

- Measuring accuracy 0.3 %
- Completely welded sensor system without additional seals
- Smallest design
- High resistance to overpressure
- Excellent long term stability

Trafag – Swiss quality sensors and monitoring devices

Trafag is a leading global provider of high-quality sensors and monitoring devices for pressure, temperature and gas density. In addition to a wide range of standardised, configurable products, Trafag also develops customized solutions for OEM customers.

Founded in 1942, Trafag is based out of Switzerland and has a wide distribution and service network in over 40 countries worldwide. This enables us to provide personal and professional customer service and ensures that all of their services are of the highest quality. Powerful development and production departments guarantee that Trafag products are of the highest quality and precision, product delivery is fast and reliable and customer requests are implemented quickly.