

Press Release

Your durable, compact and reliable solution for pressure measurement: Miniature industrial pressure transmitter NAT 8252

The new miniature industrial pressure transmitter NAT 8252 is a durable, compact and reliable solution which is designed for use in numerous applications. It is well suited for demanding conditions that call for high pressure peaks, temperatures, shock and vibration.

Bubikon, September 2013 – Swiss based Trafag presents the new miniature industrial pressure transmitter NAT 8252. The heart of the new industrial pressure transmitter NAT 8252 is Trafag's thin-film-on-steel sensing element. It is a fully welded design that can withstand triple the operating pressure without experiencing damage. To protect the sensor against cavitation and liquid hammer, a damping element is available as an option. For this reason it is strong, stable and maintains accurate even under rough conditions. The electronics are based on Trafag's in-house designed ASIC (application specific integrated circuit) which achieves optimal temperature compensation and linearization over the operating range of 40...125°C. This quality construction allows for use in the most demanding applications, including outdoor conditions.

The industrial pressure transmitter NAT 8252 is readily available in the ranges from 0...2.5 to 0...600 bar, G1/4" pressure connection, M12 and DIN Industrial standard electrical connections and 4...20mA signal.

In the next months, more options and variants will complete the portfolio.

Data sheet: www.trafag.com/H72303



**Trafag's miniature industrial pressure transmitter NAT 8252:
Durable, compact and reliable solution for use in numerous applications.**

Advantages and Properties

- Smallest design
- Completely welded sensor system without additional seals
- Excellent long term stability
- High overpressure resistance
- Wide temperature range -40... +125°C

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.