

NHT 8250

Hydrogen Pressure Transmitter



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Applications

- H₂ fuelling stations
- Hydrogen compressors
- Fuel cells
- Vehicles with H₂ drive
- Hydrogen tanks

Features

- EC79/2009 certified by the KBA Kraftfahrt-Bundesamt
- Wetted materials made of hydrogen-compatible steel
- Completely welded sensor system without additional seals
- Excellent long-term stability
- Optional: Switching output 1 or 2 PNP

Designation of application

The NHT 8250 Hydrogen pressure transmitter features a thin-film-on-steel sensor based on a special hydrogen-compatible high-performance alloy for best-in-class signal stability. The robust mechanical design with fully welded housing is built to last in harsh environments.



Technical Data

Measuring range	Thin-film-on-steel
Measuring range	0 ... 1 to 0 ... 600 bar 0 ... 15 to 0 ... 7500 psi
Output signal	4 ... 20 mA, 0.5 ... 4.5 VDC, 0 ... 5 VDC, 1 ... 5 VDC, 1 ... 6 VDC, 0 ... 10 VDC, 0.1 ... 10.1 VDC, 0.5 ... 4.5 VDC ratiometric, Switching output: 1 or 2 PNP
NLH @ 25°C (BSL) typ.	± 0.2 % FS typ.
Accuracy @ 25°C typ.	± 0.5 % FS typ. ± 0.3 % FS typ.

Additional information

Data sheet	www.trafag.com/H72338
Video	https://youtu.be/GY4nYKaXVDU
Instructions	www.trafag.com/H73303
Accessories	www.trafag.com/H72258

Product video

