HYDROGEN PRESSURE TRANSMITTER NHT 8250

- EC79 and ECER-134 certification pending
- 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 transistors

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Hydrogen Pressure Transmitter NHT 8250

Swiss based Trafag is a leading international supplier of high quality sensors and monitoring instruments for measurement of pressure and temperature. 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.

Applications

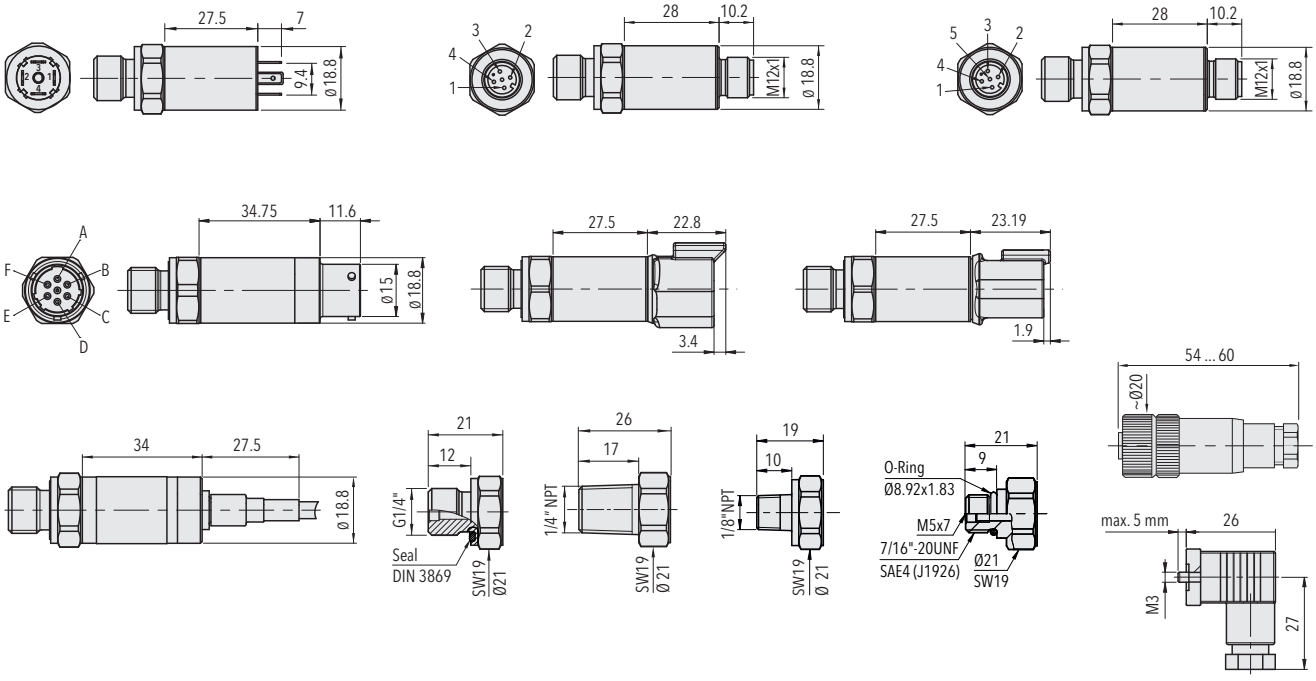
- H_2 fuelling stations
- Hydrogen compressors
- Fuel cells
- Vehicles with H_2 drive
- Hydrogen tanks

Features

- EC79 and ECER-134 certification pending
- 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 transistors

Subject to change H70606a 02/2022

Technical Data			
Measuring principle	Thin-film-on-steel	Accuracy @ 25°C typ.	± 0.5 % FS typ.
Measuring range	0 ... 1 to 0 ... 250 bar 0 ... 15 to 0 ... 2000 psi	Media temperature	–40°C ... +85°C
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 transistors	Ambient temperature	–40°C ... +85°C (Cable PVC 22: -5°C ... +60°C) (Cable PUR 24: -40°C ... +70°C)
NLH @ 25°C (BSL) typ.	± 0.2 % FS typ.		



Data sheet www.trafag.com/H72338

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