

EX PRESSURE TRANSMITTER

- Pressure ranges from 0.4 to 2000 bar
- ATEX, IECEx, UKEX certified
- II 1G Ex ia IIC T4/T6 Ga
II 1D Ex ia IIIC T₂₀₀ 160°C Da
I M1 Ex ia I Ma
II 1/2G Ex ia IIC T4/T6 Ga/Gb
- Optional with hydrogen-compatible sensor
- EC79/2009 certified by the KBA Kraftfahrt-Bundesamt



Ex Pressure Transmitter EXNT 8292

Swiss based Trafag is a leading international supplier of high quality sensors and monitoring instruments for measurement of pressure and temperature. The EX pressure transmitter EXNT is based on Trafag's own thin-film-on-steel sensor technology with excellent long-term stability and offers reliable and accurate pressure measurement over a wide temperature range. The intrinsic safety design is certified for applications in Ex-Zones 0, 1, 2 (gas), 20, 21, 22 (dust) and mining.



Applications

- Ex Zones 0, 1, 2 (gas); 20, 21, 22 (dust) and mining
- Hydrogen
- Shipbuilding



Features

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Technical Data			
Measuring principle	Thin-film-on-steel	Accuracy @ 25°C typ.	± 0.5 % FS typ. ± 0.3 % FS typ.
Measuring range	0 ... 0.4 to 0 ... 2000 bar 0 ... 5 to 0 ... 30000 psi	Media temperature	Max. -40°C ... +120°C (see electrical connection)
Output signal	4 ... 20 mA	Ambient temperature	Max. -40°C ... +120°C (see electrical connection)
NLH @ 25°C (BSL) typ.	± 0.2 % FS typ. ± 0.1 % FS typ.	Approval / conformity	DNV-GL, KRS, RMRS ATEX, IECEx, UKEX, according to the norm EN/IEC 60079-0 / EN 60079-11 / EN 60079-26 / EN 50303 PESO Petroleum & Explosives Safety Organization India

