

LOW PRESSURE TRANSMITTER NSL

- Smallest design
- Relative or absolute pressure measurement
- Excellent temperature resistance
- Improved vibration resistance
- Completely welded steel sensor system without additional seals



Low Pressure Transmitter NSL 8257

Swiss based Trafag is a leading international supplier of high quality sensors and monitoring instruments for measurement of pressure and temperature. The very compact NSL low pressure transmitter is the only pressure transmitter in the market with thin-film-on-steel-membrane and pressure ranges down to 0 ... 200 mbar. This combination allows also for low pressure ranges accurate measurements with excellent longterm stability. Through the extraordinary high burst pressures up to 125 times nominal pressure the NSL is the first choice for critical applications.



Applications

- Shipbuilding
- Engine manufacturing
- Machine tools
- Process technology
- Water treatment
- Test benches

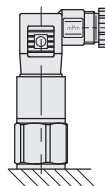
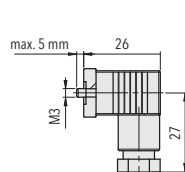
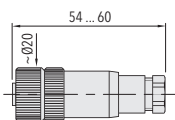
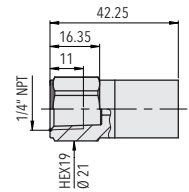
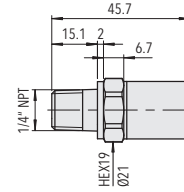
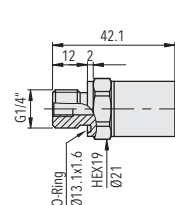
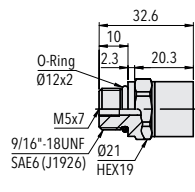
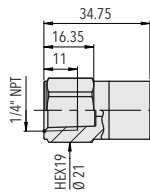
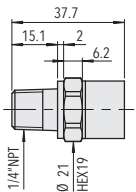
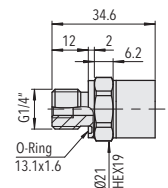
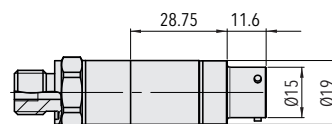
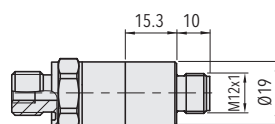
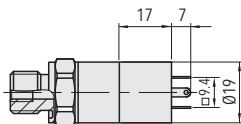


Features

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Technical Data

Measuring principle	Thin-film-on-steel	Accuracy @ 25°C typ.	0.15 ... 0.8 % FS typ.
Measuring range	0 ... 0.2 to 0 ... 2.5 bar 0 ... 3 to 0 ... 30 psi	Media temperature	-40°C ... +125°C
Output signal	4 ... 20 mA, 0 ... 5 VDC, 0 ... 10 VDC, 0.5 ... 4.5 VDC ratiometric	Ambient temperature	-40°C ... +125°C
NLH @ 25°C (BSL) typ.	0.2 % FS typ. 0.1 % FS typ.	Approval / conformity	DNV-GL



Recommended mounting position
(Mounting dependency with 180° rotation
see 'Accuracy')



Data sheet www.trafag.com/H72302