

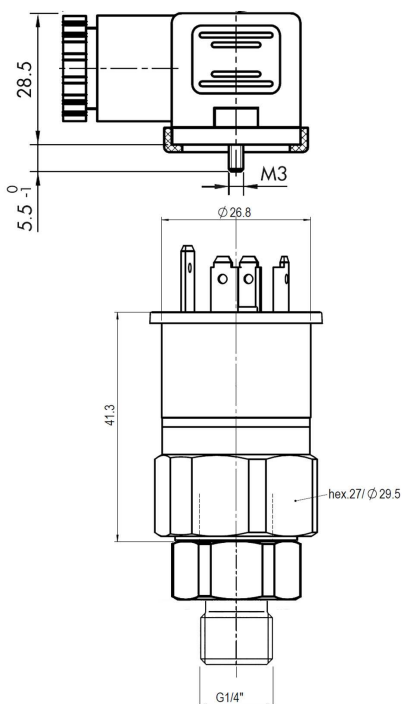


# NSL-1

100mbar Pressure transmitter



## Dimensions



## Technical data

### MAIN CHARACTERISTICS

Sensor: Thin film on steel, completely welded steel sensor system without additional seals  
 Measuring range: 0...100 mbar relative  
 Max overpressure: 400 mbar  
 Max burst pressure: 1 bar  
 Signal output: 4...20mA  
 NLH (BSL through 0): ± 0.5 % FS typ.  
 Applications: Engine manufacturing, Water treatment, Machine tools, Test benches, Process technology

### ELECTRICAL DATA

Supply voltage: 9...32 VDC  
 Rise time: typ. 1 ms/10...90% nominal pressure  
 Switch-on delay: 1 sec

### ENVIRONMENTAL CONDITIONS

Operating temperature: -25...+85°C  
 Media temperature: -25...+100°C  
 Protection: IP65  
 Humidity: max. 95% relative  
 Vibration: 15g (20...2000 Hz)  
 Shock: 50g/11 ms

### EMC PROTECTION

Emission: EN /IEC 61000-6-3  
 Immunity: EN /IEC 61000-6-2

### MECHANICAL DATA

Material Sensor: 1.4542 (AISI630)  
 Housing: 1.4301 (AISI304)  
 Plug: EN175301-803-A (DIN43650-A)  
 Process connection: G1/4" female + G1/4" joint  
 O-Ring: FKM  
 Mounting torque: 25 Nm  
 Weight: appr. 150 g

## Electrical wiring

Protection	IP65
Execution	Industrial standard
Output	
<p><b>4-20mA</b></p>	



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