

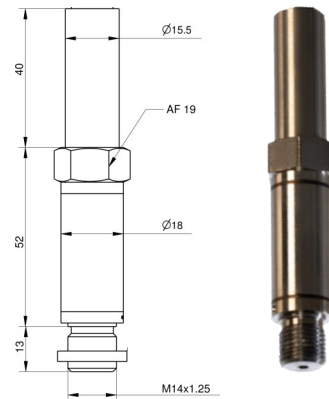
Low Pressure Sensor LPS-01

for gas exchange on engines

Temperature compensated high-temperature pressure sensor for measurement of gas exchange on engines

Characteristics

- Temperature compensated signal
- High frequency range
- Steel membrane medium separated



Technical data

Measuring range pressure	0...10 bar, 0...20 bar
Over pressure static	20 bar, 40 bar
Frequency range	2 kHz (others on request)
Accuracy	≤1% Full scale
Max. temperature at measuring cell	300 °C (short time 1 min 350°C)
Temperature range of SCU	-40 °C ... + 75 °C
Supply voltage	18...32 VDC
SCU current consumption	≤50 mA (continuous operation); 250 mA (switch-on peak)
Output signal range	4...20 mA
Electrical connector	Plug DIN M12
Thread	M14 x 1,25
Dimension sensor	52 mm , Ø 18 mm
Dimension electronic	115 mm x 18 mm
Tightening torque	25 Nm
Weight incl. electronic	325 g