

# PRECISION AIR-PRESSURE SENSOR



Explicitly highly precise... that's how this LAMBRECHT sensor for absolute pressure works. It is applicable world-wide in a large altitude range. The measuring system with its seawater resistant, multi-layer paint coated housing is extremely robust.

- high reliability
- serial output signal
- with factory test certificate
- microprocessor technology

application in civil and military navigation • aviation • professional meteorology e.g. at airports • scientific laboratory applications



Professional Line	(8126 MIL) Precision Air-Pressure Sensor	Id-No. 00.08126.475 002
Measuring element:	silicium resonator	
Measuring range:	35...1310 hPa	
Accuracy:	± 0.01% of the final value • ± 0.13 hPa within the range of -25...+60°C	
Long-term stability:	< 100 ppm/ year	
Resolution:	0.01 hPa	
Range of application:	altitude 0...10.000 m • temperatures -40...+60°C	
Interface:	RS 485	
Supply voltage:	11...28 V <sub>DC</sub>	
Current consumption:	20 mA	
Housing:	aluminium guard · RAL 7001 (grey) · IP 65	
Dimensions:	205 x 165 x 75 mm	
Weight:	2.0 kg with protection guard · sensor module 0.4 kg	
Standards:	EMC: EN 50081-1/ 50082-2 · EN 61010 (IEC 1010)	
Variety:		
<b>32.95665.020 000</b>	<b>(95665U20) Precision Air-Pressure Sensor Module</b> (without guard)	
	installation kit for mounting into data aquisition unit SYMMET-IND/-LOG, see chapter „Data logger and Software“, page 94 ff.	

