



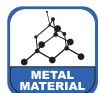
# PRECISION AIR-PRESSURE SENSOR

## 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 navigation •  
 aviation • professional  
 meteorology, e. g. at  
 airports • scientific  
 laboratory applications



Professional Line	(8126)	Precision Air-Pressure Sensor	Id-No. 00.08126.475 002
Measuring element:		silicon 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...+70 °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 180 x 81 mm	
Weight:		2.0 kg with protection guard · sensor module 0.4 kg	
Standards:		EMC: EN 50081-1/ 50082-2 · EN 61010 (IEC 1010)	
<u>Version:</u>			
<b>32.95665.020 000</b>	<b>(95665U20)</b>	<b>Precision Air-Pressure Sensor Module</b> (without guard) Installation kit for mounting into data acquisition unit SYNMET-IND/-LOG See chapter „Data logger and Software“	