



PRECISION AIR PRESSURE SENSOR

Explicitly highly precise...

that's how this LAMBRECHT meteo 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 X81)	Precision Air Pressure Sensor	Id-No. 00.08126.481 002
Measuring element:		silicon resonator	
Measuring range:		35...2000 hPa	
Precision:		0.01 % FS	
Accuracy:		± 0.0144 % FS	
Long-term stability:		± 100 ppm/ year	
Range of application:		-45...+85 °C during operation	
Interface:		RS 485 (no bus function)	
Supply voltage:		11...28 V _{DC}	
Current consumption:		typically 16.5 mA · max. 32 mA	
Housing:		grey (RAL 7001)	
Dimensions:		205 x 180 x 81 mm	
Weight:		approx. 2.0 kg	
Standards:		BS EN 61000-6-1:2007 • BS EN 61000-6-2:2005 • BS EN 61000-6-3:2007 • BS EN 61000-6-4:2007 • BS EN 61326-1:2006	
Version:			
32.95665.020 040		Precision Air Pressure Sensor Module (without protective housing) Installation kit for mounting into data acquisition unit SYNMET-IND/-LOG	