

Product	nSens-P Absolute Pressure	novasina The Art of Precision Measurement
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nSens-P: External pressure sensor



Digital pressure sensor for ambient air condition.

Communication based on nSens-Bustechnology. Digital sensor stores calibration data and identification for quick exchange and calibration.

nSens-P is compatible with all nLink+ transmitters, nlink-USB adapter and nSens extension cables.

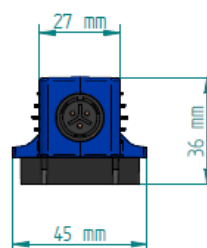
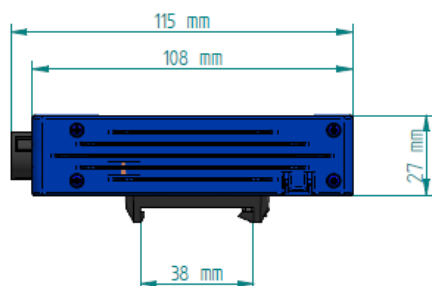
Calibration and configuration with USB cable for Windows PC. Does not require additional power supply

Art-No & Measuring ranges:
260 2165 nSens-P-ME

Technical Data

Name	nSens-P-ME	
Measurement Range	280 to 1260hPa / mBar	
Accuracy at 20°C	Typical +/- 1 hPa	
Temperature effect	Max. +/- 0.10Pa	
Response time T63	<1s typ.	
Max. Resolution	0.1 Pa	
Long term stability	+/-0.35hPa (800-1200hPa) / year	
Housing material	ABS	
Protection class	n/a	
Soldering material	lead free (RoHS compliant)	
Working temp.	0 to 50°C	
Communication	digital (nBus Bussystem) and simple protocol	
Calibration	1-point. Requires nLink-USB smarthandle and PC software (nSoft-ACT-T)	

Dimension & Schematics



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Accessories

nlink+ IP transmitter (analog signal)	nSens cable extensions
nLink+IP AS Provides analog signals (0/4-20mA or 0/2-10V) for BMS, automation and monitoring systems.	Extension cable between transmitter nLink+ and nSens.
	
260 2078 nLink+IP AS	260 1201 nSens Extension 2m 260 1136 nSens Extension 5m 260 1986 nSens Extension 10m 260 1987 nSens Extension 30m
nlink+EC transmitter (analog signal)	nSens cable with end sleeves
nLink+EC AS Provides analog signals (0/4-20mA or 0/2-10V) for BMS, automation and monitoring systems.	Extension cable between transmitter nLink+EC and nSens.
	
260 2080 nLink+EC AS	260 1080 nSens-cable 5m 260 1079 nSens-cable 10m 260 1078 nSens-cable 30m 260 1225 nSens-cable 60m 260 1226 nSens-cable 100m
Configuration cable: nlink-USB&CA3	Wall mount / din rail mount
Configuration cable for Windows PC. Software available for download	
	
260 1818 nlink-USB-CA3 (complete set)	2602053: wall / rail mount

Technical data subject to change without prior notice