



## Starter kit 52-Series

### 1 Description

The 52-Series pressure Starter kit is composed of an Arduino Nano board, a PCB, an analog and a digital 52-Series sensor and C-Code. The Sensors are soldered on to the PCB, which in turn can easily be attached to the Arduino board. The multiple code versions provided with the kit allow a quick understanding of the communication with 52-Series sensors. The manual allows for the kit to be installed easily and quickly.

### 2 Features

- Available for all 52-Series sensors
- Simple installation, based on Arduino platform
- Multiple code versions for different use cases (e. g. raw data and converted data output)
- Detailed manual
- Kits for other sensors available on request



### 3 Revision History

#### Revision A - 09.02.2021

Initial Revision	Released
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### 4 Specification

Parameter	Condition	Value	Unit
Operating Voltage	depending on version	3.3/5.0	V
Microcontroller Clock Speed		48	MHz
Number of sensors		1	pcs.
Analog inputs		1	
I2C inputs		1	
SPI inputs		0	
I2C Clock	if appl., adjustable through software	100...400	KHz
Pull up resistors	if appl.	4,7	kOhms
Signal output rate	adjustable through software	0...2.5	KHz
Output resolution	if appl.	16	Bit
Compensated temperature		0...50	°C
Connectivity	WiFi and Bluetooth available on request	USB-A	--
Range	depending on version	0...1.25...7000	mBar
Length		45	mm
Width		18	mm

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