SENSOR GUIDE

How to find the suiting product?

This Sensor Guide will help you to find a solution for your application! Answer the following questions, as far as you to be able to take a decision.

1. Sensing medium

Which medium do you want to measure?

- [ ] Temperature
- [ ] Humidity
- [ ] Pressure absolute
- [ ] Pressure differential
- [ ] Acceleration
- [ ] other: _____

2. Interface

Which interface do you want to use?

- [ ] I2C
- [ ] SPI
- [ ] Analog
- [ ] other: _____

3. Environment

In which environment will your application be used?

- [ ] Indoor
- [ ] Outdoor
- [ ] Industrial
- [ ] Home Automation
- [ ] other: _____

4. Accuracy Requirements

What are the key requirements for the accuracy of the sensor?

- [ ] High accuracy: _____
- [ ] Medium accuracy: _____
- [ ] Accuracy doesn't matter
- [ ] other: _____

5. Characteristics requirements

What are the additional requirements for the characteristics of the sensor?

- [ ] Energy consumption: _____
- [ ] Operating supply voltage: _____
- [ ] Output data rate _____
- [ ] Size: _____
- [ ] Media resistance: _____
- [ ] other: _____

6. Use Case / Application

What is the use case / the application of the sensor element / sensor system?

- [ ] Sensor network
- [ ] Environment measuring
- [ ] Process control / automation
- [ ] Redundancy
- [ ] Event triggering / decision support
- [ ] other: _____