

PQ Cube

New benchmarks in pneumatic applications



Product description

PQ Cube pressure sensor



Almost magical

The PQ Cube is the ideal choice for pneumatic applications of any kind. Whether in maintenance units or in vacuum and gripping applications – the PQ Cube impresses with its long-lasting performance.

The PQ Cube also scores with robustness on the outside: brass sockets, IP65 protection and a temperature range from 0 to 60 °C set new standards in the sector. Electrical connection variants in M8 and M12 ensure easy connection options.

You see – there are many ways to approach the PQ Cube and its benefits. Here you can find another option: just take a closer look at the new pressure sensor – at ifm.com/gb/PQCube



Product advantages

The right choice for good reasons



1" TFT display

In addition to the process value, the display shows further information in a clear font and with a clear red-green colour change.



Market-proven measuring cell

The PQ Cube is suitable for versatile pneumatic applications.



Fewer adapters

Intelligent installation and connection concept reduces the need of different adapters.



M8 or M12

With M8 or M12 connectors we have the right solution for your application.



Full graphic TFT display

Everything at a glance

Keep track of your processes

In pneumatic applications, the sensors are often located on a robot arm performing fast movements. In order to see whether the requested measuring points have reached the switch point, a clear and unambiguous visualisation is important.

With the 1 inch TFT display, you have always a precise view of your process, the process values, switching points and other information available via IO-Link. The clear red-green colour change ensures good visibility.

Not to forget

All information and the installation wizard are available in 9 different languages.

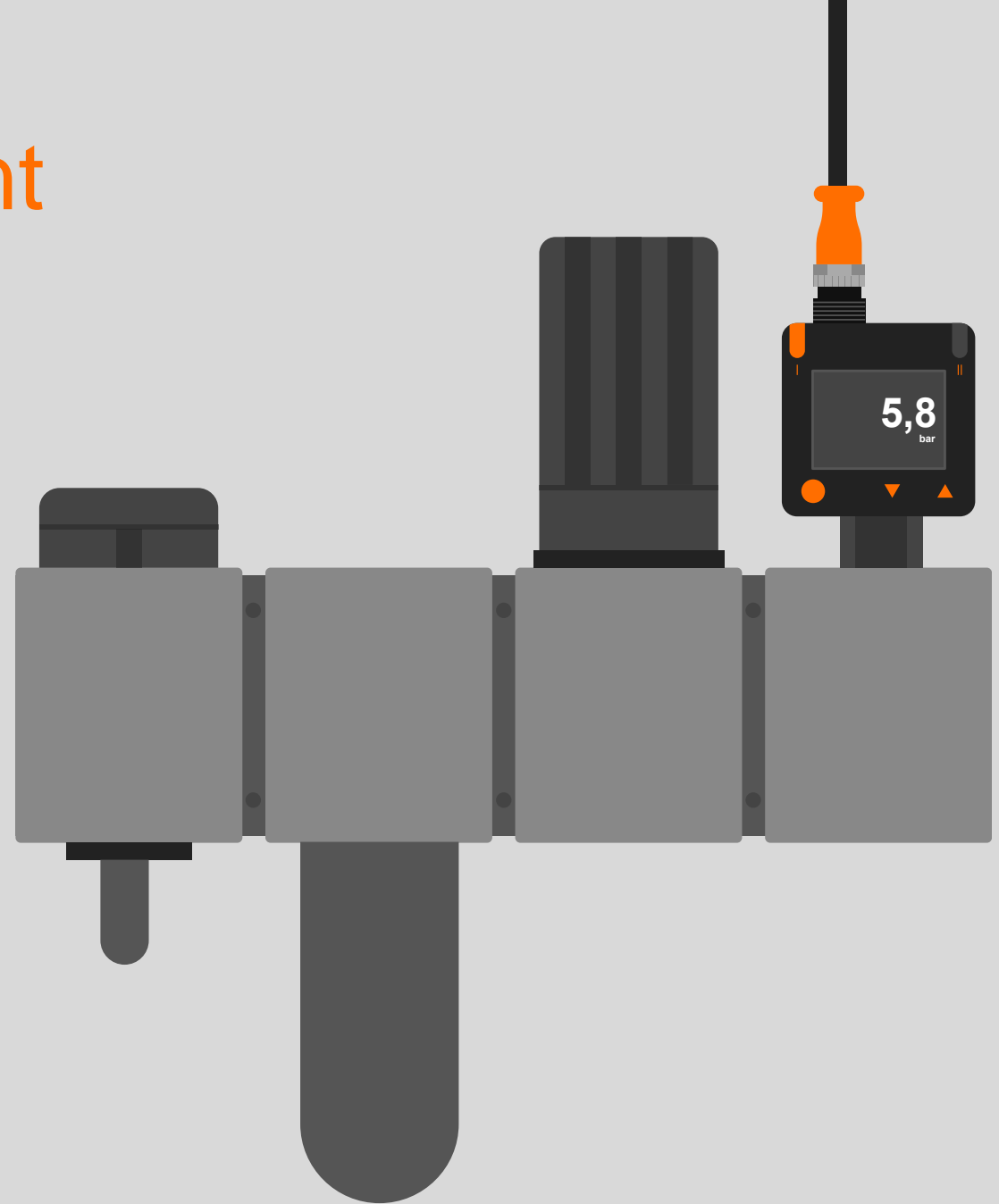


Applications

Compressed air treatment

The treatment of compressed air is an essential factor for the functionality and service life of pneumatic systems. Thanks to the **sophisticated installation concept** and **the absence of adapters** the pressure sensor will easily find a place in your maintenance unit and be an ideal component for compressed air treatment.

Via the **full graphic 1" display** you can see at all times whether the process values are within the target range.

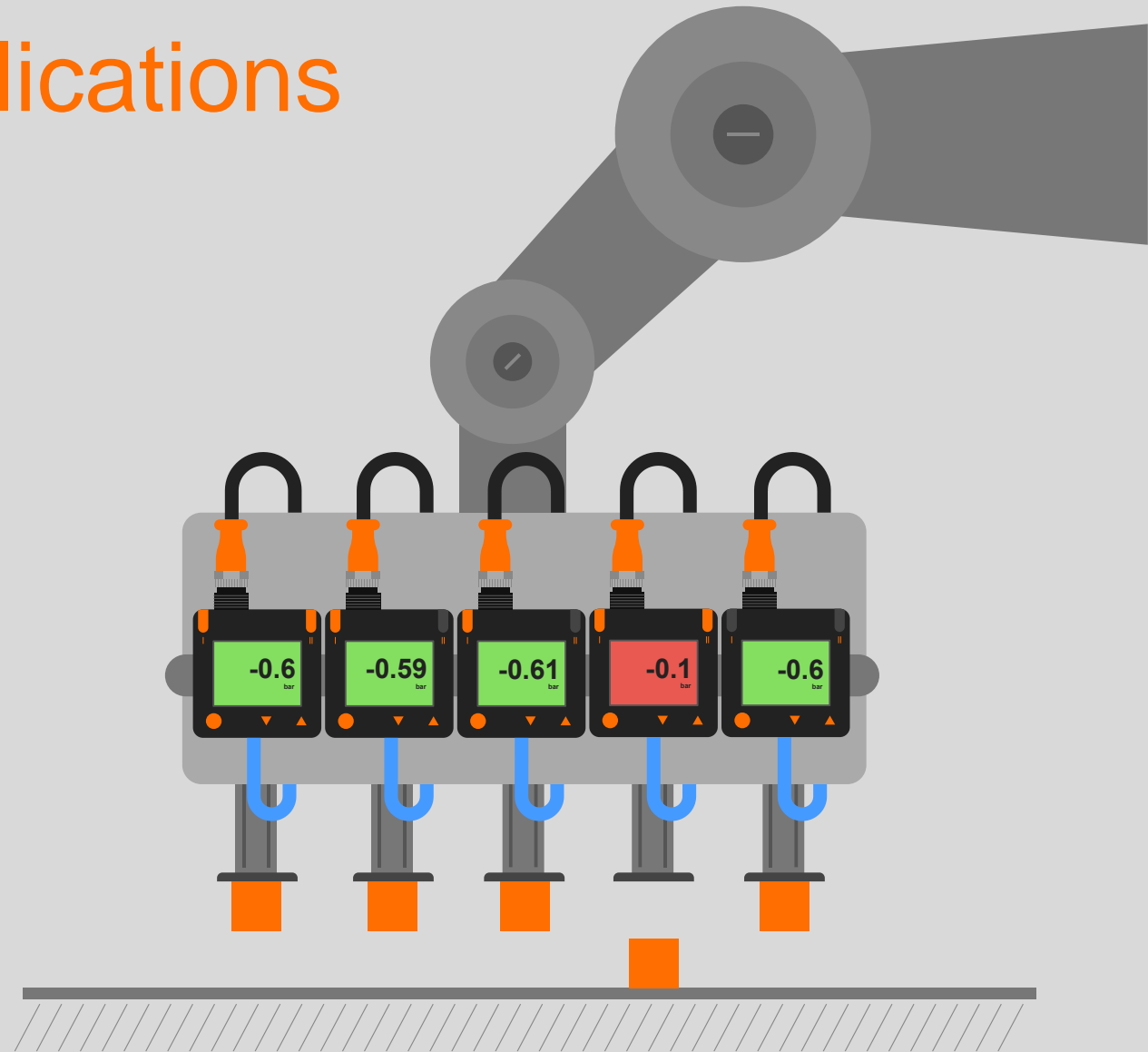


Applications

Vacuum and gripping applications

In vacuum and gripping applications characterised by rapid changes in direction, the PQ Cube always remains functional thanks to its **robustness**. In addition, the **red/green colour change** of the display provides a clear visualisation of the process values. In this way, the plant operator can immediately see whether the object has been picked up correctly or not.

When installing the sensors you can choose between **wall, DIN rail and panel mounting**.

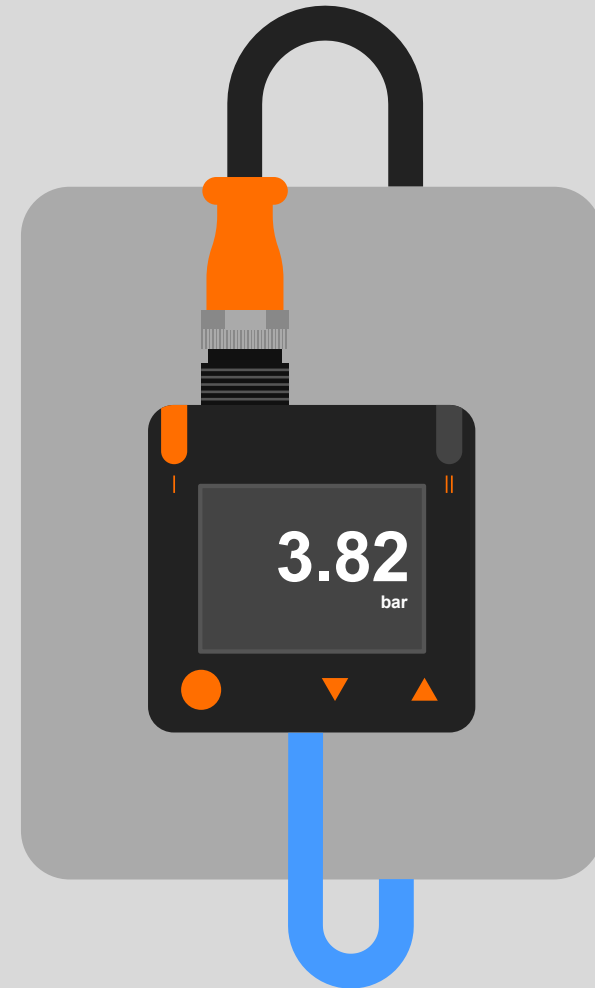


Applications

Monitoring the system pressure

For smooth operation of your plant the PQ Cube **monitors** the system pressure reliably in a measuring range from -1 up to 10 bar.

Operation and set-up of the sensor is quick and easy via the **3 keys** and the **intuitive menu navigation**. Set-up is supported by the **Installation wizard** which is available in **9 different languages**.



Good to know

Added value thanks to IO-Link



Transparent processes

By continuously reading out the pressure curve, you can keep a close eye on your process at all times.



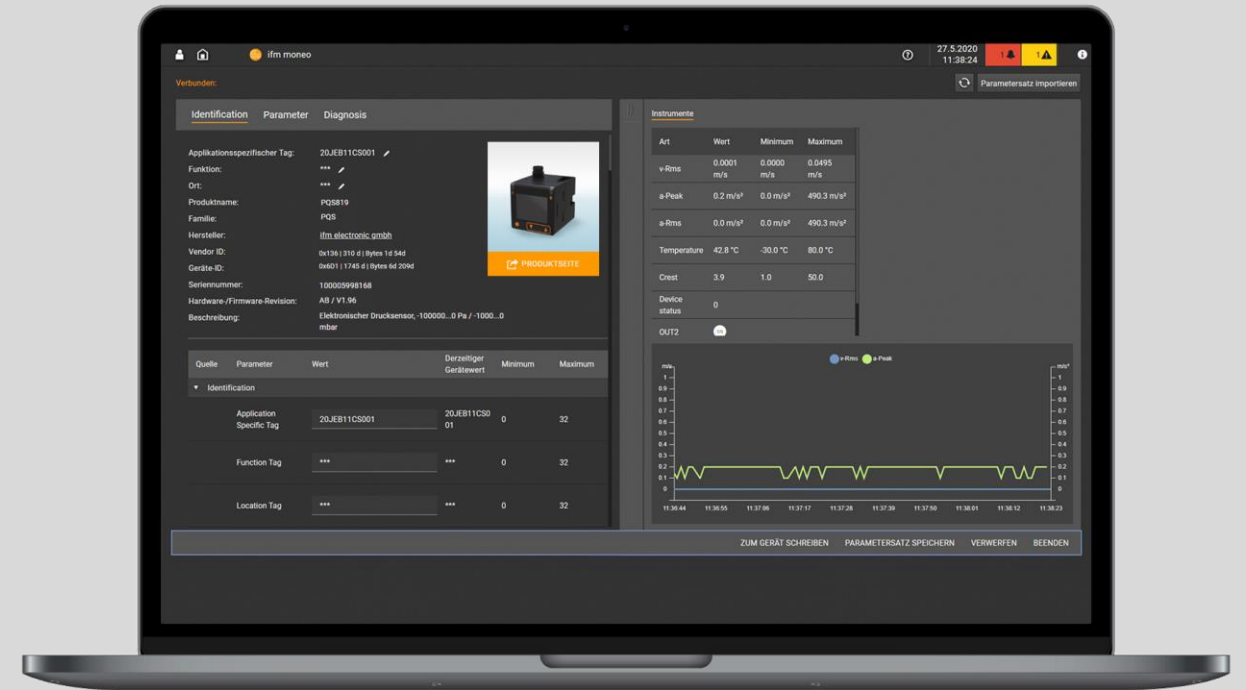
Loss-free data transmission

IO-Link enables loss-free data transmission, as conversion losses are excluded via digital communication and external influences, such as magnetic fields, have no effect on data transmission.



Convenient set-up

The pressure sensor can be configured quickly and easily via IO-Link.



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