



# The grip strength always clearly in view

PQ Cube pressure sensor sets new standards

- Robust measuring cell resists dust, dirt and moisture
- Easy-to-read 1" TFT display
- Smart installation concept requires fewer adapters
- Made for use in demanding environments

**ifm** – close to you!



Measuring range [bar]	Outputs	Order no.
		G 1/8
-1...10	2 switching outputs DC PNP/NPN	<b>PQS812</b>
-1...1	2 switching outputs DC PNP/NPN	<b>PQS816</b>
-1...0	2 switching outputs DC PNP/NPN	<b>PQS819</b>
-1...10	1 switching output + 1 analogue output 4...20 mA / 0...10 V / 1...5 V	<b>PQC812</b>
-1...1	1 switching output + 1 analogue output 4...20 mA / 0...10 V / 1...5 V	<b>PQC816</b>
-1...0	1 switching output + 1 analogue output 4...20 mA / 0...10 V / 1...5 V	<b>PQC819</b>

**Robust in every corner**

The robustness of the PQ Cube makes it the ideal choice for use on vacuum grippers and all other pneumatic applications. Whether it is the IP65 housing, the brass sockets or the proven accurate, dust and dirt resistant measuring cell – everything is designed for permanent use in demanding industrial environments.

**TFT display: convenient data visualisation**

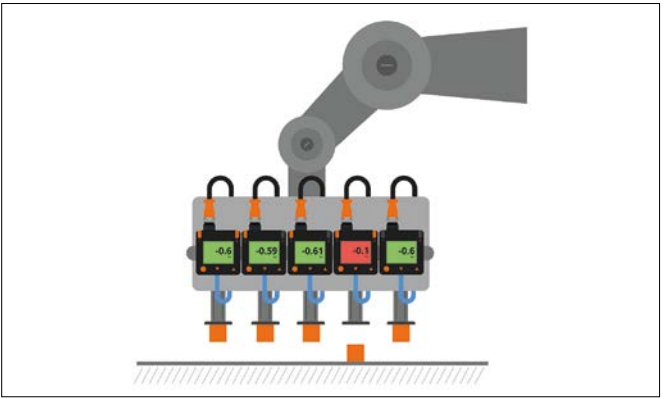
At the same time, we have not compromised on comfort: On the 1" TFT display you can read all relevant data and information in clear writing. A nine-language installation wizard helps you set it up.

**Avoid the flood of adapters**

Thanks to the smart installation concept, you can install the PQ Cube in many cases without additional adapters. Find out more in our online shop.

Common technical data		
Ambient temperature / medium temperature	[°C]	0...60
Switch point accuracy	[%]	< ± 0.5
Linearity error		< ± 0.5 % (LS) / < ± 0.25 % (BFSL)
Communication interface		IO-Link 1.1 COM 3
Connector		M8
Protection rating		IP65

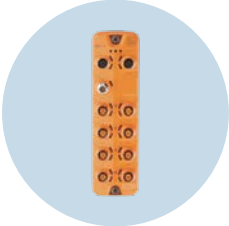
LS = Limit Value Setting  
BFSL = Best Fit Straight Line



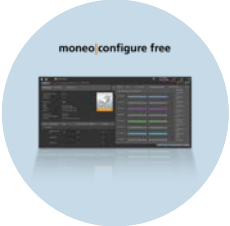
The current status can be identified quickly and clearly due to the red / green colour change.

**BEST FRIENDS**

We reserve the right to make technical alterations without prior notice. - 04.2024  
ifm electronic gmbh · Friedrichstr. 1 · 45128 Essen



**IO-Link masters**  
For use in the field with up to 8 ports.



**moneo|configure free**  
Software for parameter setting of the IO-Link infrastructure



**IO-Link interface**  
For parameter setting of IO-Link devices on the PC



For further technical details, please visit:  
[ifm.com/fs/PQS812](http://ifm.com/fs/PQS812)