



# The grip strength always clearly in view

PQ Cube pressure sensor sets new standards

- For universal use in pneumatic applications
- Versions for differential pressure measurement
- Easy-to-read 1" TFT display
- Smart installation concept requires fewer adapters
- Made for use in demanding environments



**ifm** – close to you!

Outputs:	2 switching outputs DC PNP/NPN			1 switching output + 1 analogue output 4...20 mA / 0...10 V / 1...5 V		
Process connection:	G $\frac{1}{8}$		NPT $\frac{1}{8}$	G $\frac{1}{8}$		NPT $\frac{1}{8}$
Connector:	M8	M12	M8	M8	M12	M8
Measuring range [bar]	Order no.					
-1...0	<b>PQS819</b>	<b>PQS829</b>	–	<b>PQC819</b>	<b>PQC829</b>	–
-1...1	<b>PQS816</b>	<b>PQS826</b>	–	<b>PQC816</b>	<b>PQC826</b>	–
-1...10	<b>PQS812</b>	<b>PQS822</b>	–	<b>PQC812</b>	<b>PQC822</b>	–
Measuring range [bar] / [psi]	Order no.					
-1...1 / -14.5...14.5	<b>PQS866</b>	–	<b>PQS616</b>	<b>PQC866</b>	–	<b>PQC616</b>
-1...10 / -14.5...145	<b>PQS862</b>	–	<b>PQS612</b>	<b>PQC862</b>	–	<b>PQC612</b>
Differential pressure measurement						
Outputs:	1 switching output + 1 analogue output • 4...20 mA / 0...10 V / 1...5 V					
Process connection:	2x G $\frac{1}{8}$ without mounting adapter			2x G $\frac{1}{8}$ with mounting adapter		
Connector:	M8			M8		
Measuring range [bar]	Order no.					
-1...1	<b>PQD489</b>			<b>PQD389</b>		
-1...10	<b>PQD484</b>			<b>PQD384</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 precise measuring cell: everything is designed for permanent use in demanding industrial environments.

### Differential pressure measurement available

In the PQD version, the Cube measures differential pressure, for example on air filters. In the version without a mounting adapter, one process connection is routed downwards and the other to the rear. In the version with a mounting adapter, the rear connection is also redirected downwards.

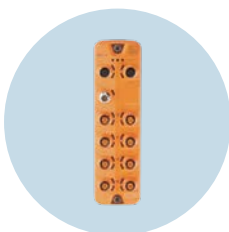
Further information is available in our webshop.

Common technical data	
Switch point accuracy PQSxx9 and PQCxx9 all other versions:	[%] $\pm 1$ $< \pm 0.5$
Characteristics deviation PQSxx9 and PQCxx9 all other versions:	$\pm 1\%$ $< \pm 0.5\%$ (LS) / $< \pm 0.25\%$ (BFSL)
Communication interface	IO-Link 1.1 COM 3
Protection rating	IP65

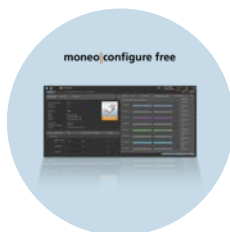
LS = Limit Value Setting  
BFSL = Best Fit Straight Line

## BEST FRIENDS

We reserve the right to make technical alterations without prior notice. - 04.2026  
ifm electronic gmbh · Friedrichstr. 1 · 45128 Essen



**IO-Link master**  
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/PQS819](http://ifm.com/fs/PQS819)