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

IP65

IO-Link

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:	G⅛		R⅛	NPT⅛	M5	G⅛		R⅛	NPT⅛	M5
Connector:	M8	M12	M8	M8	M8	M8	M12	M8	M8	M8
Measuring range [bar]	Order no.									
-1...0	PQS819	PQS829	PQS719	PQS619	PQS519	PQC819	PQC829	PQC719	PQC619	PQC519
-1...1	PQS816	PQS826	PQS716	PQS616	PQS516	PQC816	PQC826	PQC716	PQC616	PQC516
-1...10	PQS812	PQS822	PQS712	PQS612	PQS512	PQC812	PQC822	PQC712	PQC612	PQC512
Measuring range [bar] / [psi]	Order no.									
-1...0 / -14,5...0	PQS869	–	–	–	–	PQC869	–	–	–	–
-1...1 / -14,5...14,5	PQS866	–	–	–	–	PQC866	–	–	–	–
-1...10 / -14,5...145	PQS862	–	–	–	–	PQC862	–	–	–	–

Differential pressure measurement				
Outputs:	1 switching output + 1 analogue output • 4...20 mA / 0...10 V / 1...5 V			
Process connection:	2x G⅛ • without mounting adapter		2x G⅛ • with mounting adapter	
Connector:	M8	M12	M8	M12
Measuring range [bar]	Order no.			
-1...0	PQD489	–	PQD389	PQD589
-1...1	PQD484	–	PQD384	PQD584

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

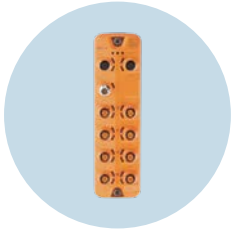
In the PQD version, the Cube measures differential pressure, for example on air filters. In the version without a mounting adapter, one process connection is routed downwards and the other to the rear. In the version with a mounting adapter, the rear connection is also redirected downwards.

Further information is available in our webshop.

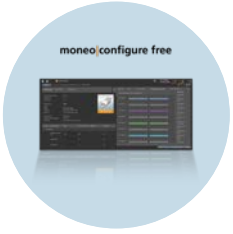
Common technical data		
Switch point accuracy PQSxx9 and PQCxx9 all other versions:	[%]	 ± 1 < ± 0.5
Characteristics deviation PQSxx9 and PQCxx9 all other versions:		± 1% < ± 0.5 % (LS) / < ± 0.25 % (BFSL)
Communication interface		IO-Link 1.1 COM 3
Protection rating		IP65

LS = Limit Value Setting
BFSL = Best Fit Straight Line

BEST FRIENDS



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

We reserve the right to make technical alterations without prior notice. · 11.2026
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