

ifm electronic



**Easier to use,
better visualisation:
PN pressure sensors
with a new look.**

Pressure sensors
www.ifm.com/gb/pn





For industrial applications

PN series pressure sensors

Optimum readability:

Large 2-colour display and clearly visible LEDs for a quick identification of the process condition.

Red-green ranges:

"Good ranges" or switching states can be identified intuitively via the display colour.

Quick setting:

Easy to use to VDMA standard via 3 pushbuttons.

Optimum orientation:

Process connection rotatable by about 345°.

Universal application areas:

High overload protection and protection rating IP67 in pressure ranges of -1...600 bar.

Permanently identifiable:

Captive laser type label on the stainless steel housing.

Maximum transparency:

IO-Link for parameter setting, transfer of process values and diagnosis.

Quick detection of process conditions

The large LED display can be switched from an indication of "red" to an alternating indication of "red-green". Switching states or adjustable "good ranges" are highlighted and identified intuitively. In addition, two clearly visible LEDs are used as switching status indication.

Use via three pushbuttons

The new pressure sensors feature one more pushbutton. Besides the "up" / "down" buttons they have a third "Enter" button.

This simplifies navigation and setting in the user menu which is adapted to the VDMA standard.



Rotatable process connection

After installation the sensor can be rotated by about 345° with regard to the process connection for better readability. Time-consuming orientation using an additional adapter and lock nut at the process connection is not necessary.



An update for the bestseller

For optimum pressure resistance

Depending on the measuring range a ceramic-capacitive or a metal measuring cell is used (see right table).



Direct installation

The new devices are available with G 1/4 female or G 1/4 male thread.



Pressure measuring cell	Pressure range [bar]	Order no.	
		G 1/4 f	G 1/4 m
Metal	0...600	PN7160*	PN7560*
	0...400	PN7070	PN7570
	0...250	PN7071	PN7571
	0...100	PN7092*	PN7592*
Ceramic-capacitive	0...25	PN7093	PN7593
	0...10	PN7094	PN7594
	0...2.5	PN7096	PN7596
	0...1	PN7097	PN7597
	-1...1	PN7099	PN7599

*available as from 07.2014

f = female, m = male

Lasered labelling

The type label is engraved by laser into the stainless steel housing. Therefore it is captive and can still be read after years. An additionally applied Datamatrix code which can be read, for example, with a smartphone links to the detailed data sheet in the internet.



For more information, such as technical data, application videos or prices please go to

www.ifm.com/gb/pn

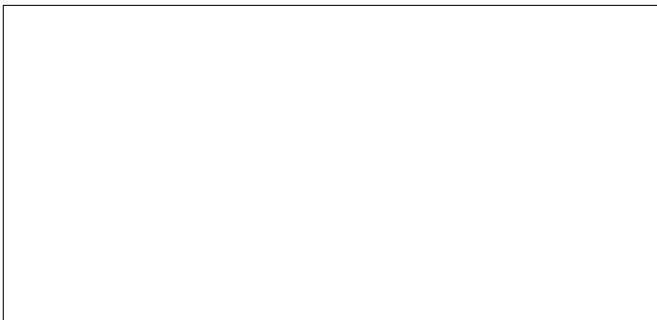


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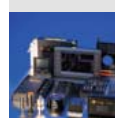
**Industrial
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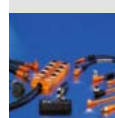
Identification systems



**Condition monitoring
systems**



**Systems for
mobile machines**



**Connection
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Accessories