



# Smart pressure indication in the industrial sector

## Electronic manometer with LED visualisation

- Optimum interpretation of measured values through operating ranges that can be customised in colour as well as threshold and trend displays
- Pressure peak and overload resistant ceramic measuring cell
- Fast compensation of dynamic temperature changes
- Temperature resistant up to 80 °C
- Very high resolution thanks to 32-bit process value transmission via IO-Link



**ifm** – close to you!

Factory setting of the measuring range [bar]	Measuring range of the relative pressure [bar]	Order no.
0...0,25	0,0124...0,25	<b>PG1408</b>
0...1	-0,05...1	<b>PG1407</b>
-1...1	-1...1	<b>PG1409</b>
0...2,5	-0,124...2,5	<b>PG1406</b>
0...4	-1...4	<b>PG1405</b>
0...6	-1...6	<b>PG1415</b>
0...10	-1...10	<b>PG1404</b>
0...16	-1...16	<b>PG1414</b>
0...25	-1...25	<b>PG1403</b>
0...60	0...60	<b>PG1423</b>
0...100	0...100	<b>PG1402</b>
0...160	0...160	<b>PG1412</b>
0...250	0...250	<b>PG1401</b>
0...400	0...400	<b>PG1400</b>

### Tried-and-tested pressure sensor combined with an innovative LED manometer display

ifm pressure sensors have proven to be a reliable solution in a wide range of industrial applications for many years. The PG electronic manometer has now been revised and boasts new and improved features.

The multicolour LED display enables clear and unambiguous visualisation of pressure ranges, switching points, minimum and maximum values and trend curves. Mechanical pointers, which are prone to errors, were replaced by durable and highly visible LEDs. This technological advancement ensures improved clarity and reliability.

Technical data	
Accuracy (in % of the span) Characteristics deviation (to DIN EN 61298-2)	< ± 0.5
Medium temperature [°C]	-25...80
Materials (wetted parts)	ceramics, FKM, high-grade stainless steel (316L/1.4404)
Communication interface	IO-Link 1.1 COM3
Process connection	G½ (DIN EN 837)
Protection rating	IP67, IP69 (to DIN EN 60529)

### Robust ceramic measuring cell for maximum reliability

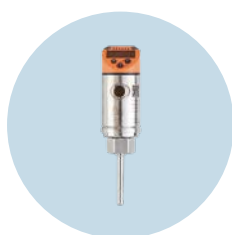
The pressure sensor itself impresses with its extremely robust ceramic measuring cell which can easily withstand even extreme pressure peaks and overloads. Thanks to the measuring cell's high resistance to abrasive media, it offers a durable and reliable solution for demanding applications.

### IO-Link

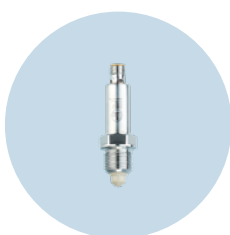
In addition to typical functions such as parameter setting and process value transmission, the manometer offers further information and options via IO-Link:

- Display optimisation (brightness, colour, layout)
- Min. and max. memory, counter

## BEST FRIENDS



**TN temperature sensor**  
Precise measured values with local display



**LMC level sensor**  
Level detection on tanks and containers



**SA flow sensor**  
Simultaneous detection of flow and temperature



For further technical details, please visit:  
[ifm.com/fs/PG1408](https://ifm.com/fs/PG1408)