



The pressure's on: compact design and always ready to connect

Small pressure transmitters with integrated DIN
valve plug

- Robust welded stainless steel housing with high IP67 protection rating
- Measurement accuracy $< \pm 0.5 \%$, repeatability $< \pm 0.05 \%$
- Extremely fast response: step response time of only 2 ms
- Compact design (SW19) with process connection

ifm – close to you!



IP67

Measuring range of the relative pressure [bar]	^P Overload max. [bar]	^P Bursting min. [bar]	Order no.
Output function 4...20 mA			
0...600	1500	2500	PT5060
0...400	1000	1700	PT5000
0...250	625	1200	PT5001
0...160	400	1100	PT5012
0...100	250	1000	PT5002
0...60	150	900	PT5023
0...40	65	800	PT5043
0...25	65	600	PT5003
0...16	40	450	PT5014
0...10	25	300	PT5004
0...6	15	200	PT5015
-1...16	40	450	PT5096
-1...10	25	300	PT5094
-1...5	15	200	PT5095

Fast and easy exchange

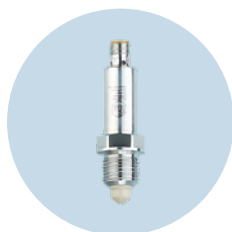
Despite numerous alternatives valve plugs are still used for the connection of sensors in many plants. ifm's PT50 series now also includes compact pressure sensors with an integrated valve plug. This makes it easy to integrate the sensors into existing plants and to use the existing wiring, which saves time and money.

Tried-and-tested technology and high IP protection rating

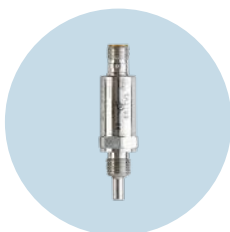
The sensors feature a robust thin-film measuring cell without a sealing ring in compact design with 19 mm across flats. IP67 protection rating is achieved when used in conjunction with a suitable valve plug (e.g. E30447). Compared to the IP65 sensors with valve plug which are common on the market the operational reliability is higher.

Technical data		
Operating voltage	[V]	8.0...36
Accuracy/deviation	Characteristics	
	deviation of the span	[%] < ± 0.5
	Repeatability	[%] < ± 0.05
Medium temperature	[°C]	-40...125
Materials (wetted parts)		FKM, V4A (1.4542)
Step response time	[ms]	2
Protection rating		IP67

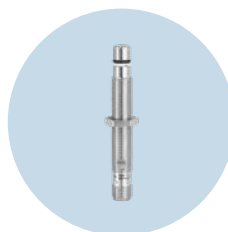
BEST FRIENDS



LMC level sensor
Reliable monitoring of tanks and vessels



Temperature transmitter
High accuracy and particularly good response dynamics



MFH position sensor
Pressure-resistant position detection on hydraulic cylinders



For further technical details, please visit:
ifm.com/fs/PT5060