

ifm efector



Once you've applied an ifm transmitter in your plant, you'll agree that it is the benchmark for performance, quality and value



**Traditional  
pressure transmitter**

Large, bulky housings  
with big price tags  
Typical list price: \$1500+



**ifm efector  
pressure transmitter**

Accurate, reliable,  
compact  
and a great value  
List price: \$559

*...Get to know us!*

# The new benchmark for pressure transmitters



*ifm pressure transmitters are smaller and easier to install than traditional transmitters  
...at half the size and cost!*

- *Ceramic pressure sensor element is accurate and reliable.*
- *2-wire transmitter simplifies wiring and easily retrofits existing pressure transmitters.*
- *Integrated bright LED display is easy to read at a long distance.*
- *Simple pushbutton setup allows the sensor to be parameterized and mounted in less than 10 minutes.*
- *High grade stainless steel construction with hygienic mounting.*



*Transmitters meet 3A and EHEDG requirements.  
Transmitter materials meet FDA regulation 21 CFR.*

**High performance, easy setup and a great value!**



## **Tank level in various storage and mixing tanks**

To monitor level in storage tanks, silo tanks, mixing tanks and process tanks, ifm's PI Series pressure sensors are an ideal solution. The weight of the liquid creates pressure on the PI's diaphragm. As the level changes, the pressure output changes.



## **Monitoring line pressure to a pump**

The compact PI pressure transmitter monitors line pressure to food and beverage processing equipment.





## **Integrated numeric display and pushbutton setup**

4-digit integrated display provides continuous indication of pressure value. Pushbutton setup enables adjustment of scaleable analog output.



## A complete solution in three easy steps



### Step 1: Select your pressure transmitter

Type	Output	Scaleable Analog Start Point	Burst Pressure Limit	Display Units Available	Part No.	List Price
						
	4...20mA	-14.4...271.8 psi	5070 psi	bar, psi, MPa	<b>PI2793</b>	<b>\$559.00</b>
	4...20mA	-14.5...108.7 psi	2175 psi	bar, psi, MPa	<b>PI2794</b>	<b>\$559.00</b>
	4...20mA	-14.50...43.5 psi	1450 psi	bar, psi, kPa	<b>PI2795</b>	<b>\$559.00</b>
	4...20mA	-1.80...27.3 psi	725 psi	bar, psi, kPa, inH <sub>2</sub> O, mWS	<b>PI2796</b>	<b>\$559.00</b>
	4...20mA	-0.73...10.88 psi	435 psi	mbar, psi, kPa, inH <sub>2</sub> O, mWS	<b>PI2797</b>	<b>\$559.00</b>
	4...20mA	-5.0...75.3 inH <sub>2</sub> O	435 psi	mbar, kPa, inH <sub>2</sub> O, mmWS	<b>PI2798</b>	<b>\$559.00</b>
	4...20mA	-14.50...7.25 psi	435 psi	mbar, psi, kPa, inH <sub>2</sub> O, mWS	<b>PI2799</b>	<b>\$559.00</b>

### Step 2: Select your sanitary fittings

Type	Description	Part No.	List Price
	1.5" Tri-clamp® fitting	<b>E33208</b>	<b>\$63.00</b>
	2" Tri-clamp® fitting	<b>E33209</b>	<b>\$63.00</b>
	Weldable adapter	<b>E30130</b>	<b>\$65.00</b>

### Step 3: Select matching M12 cordsets

Type	Description	Part No.	List Price
	5 m, PVC (4-pin)	<b>EVT001</b>	<b>\$19.00</b>
	10 m, PVC (4-pin)	<b>EVT002</b>	<b>\$22.00</b>
	5 m, PVC (4-pin)	<b>EVT004</b>	<b>\$19.00</b>
	10 m, PVC (4-pin)	<b>EVT005</b>	<b>\$22.00</b>



#### Multiple sanitary mounting options

ifm sanitary sensors connect to industry standard adapters and fittings such as Tri-clamp®, Varivent®, and I-Line®.



Visit [www.ifm.com/us/PI2transmitter](http://www.ifm.com/us/PI2transmitter) to learn more about pressure sensors, view data sheets, download installation instructions and obtain CAD drawings.



*You can count on our service team to be a reliable partner. That means easy order placement and knowledgeable technical support. Your time is too valuable to waste.*

*Get to know us. Call 800-234-7769 or visit [www.ifm.com/us](http://www.ifm.com/us)*

### **ifm product lines**

Inductive sensors  
Cylinder sensors  
Photoelectric sensors  
Capacitive sensors  
Safety sensors  
Pressure sensors  
Flow sensors  
Temperature sensors  
Level sensors  
Power supplies  
AS-i bus system  
Identification products  
Cordsets

**ifm efector**  
*– close to you!*

## **Why select ifm for your process instruments and sensor needs?**

**ifm people.** The ifm team of employees is committed to helping you succeed in your business. We directly service and work with over 20,000 customers in the US.

**ifm products.** For over 40 years we have developed, manufactured, and marketed sensors to the food and beverage industry. We have a complete family of process instruments, position sensors, diagnostic systems, networking products, and wiring solutions.

**Quality.** There can be no compromise in the quality and reliability of sensors that are applied in your production facility. The ifm new product development process incorporates specific tests for the food and beverage industry. The accuracy, drift, and repeatability of our sensors are tested in thermal shock and high pressure cleaning conditions.

**Investment in R&D.** Developing new products that increase uptime and productivity is a core belief of our company. We apply practical innovation to simplify technology and develop products that can have a positive impact on your production process.

**Application know-how.** We have over 40 years of experience in working with the food and beverage industry. Our knowledgeable team of technical support engineers will work with you to recommend the right solution, the first time.

**ifm business philosophy.** ifm provides a knowledgeable and courteous service center team to assist with order placement and technical support. We offer an efficient distribution center for accurate and on-time delivery of products. ifm publishes list prices in literature and website, and we always stand behind the quality and performance of our products.

**Global presence with local focus.** With more than 4,800 dedicated ifm employees in 70 countries, you can count on local support all over the world.

