

## Threaded Mounting PI2795 IFM Pressure Transmitter With Display PI-004-REA01-MFRKG/US/ /P

### Basic Information

- Place of Origin: Germany
- Brand Name: IFM
- Certification: CE
- Model Number: PI2795
- Minimum Order Quantity: 1
- Price: USD
- Packaging Details: 15,10 x 15,40 x 4,60
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability: 100



### Product Specification

- Housing Material: Stainless Steel
- Weight: 50 G
- Mounting: Threaded
- Supply Voltage: 10-30 V DC
- Measurement Range: -50 To 150 °C
- Protection Rating: IP67
- Output Signal: 4-20 MA
- Connection: M12 Connector
- Response Time: ≤ 10 Ms
- Sensor Type: Pt1000
- Operating Temperature: -25 To 85 °C
- Accuracy: ±0.2 °C
- Dimensions: Ø 6.5 X 30 Mm
- Highlight: Threaded Mounting pi2795 ifm,  
pi2795 ifm Transmitter,

## Product Description

IFM Flush pressure sensor with display PI2795 PI-004-REA01-MFRKG/US/ /P

The IFM PI2795 PI-004-REA01-MFRKG/US/P is a flush pressure sensor with a display. Here's some information about the sensor:

1. Model: PI2795 PI-004-REA01-MFRKG/US/P

2. Manufacturer: IFM Electronic GmbH

3. Function: The flush pressure sensor is designed to measure the pressure of a fluid in a system or process. It provides real-time pressure readings and features a built-in display for convenient on-site monitoring of the measured values.

4. Pressure Measurement Range: The specific pressure measurement range of the sensor depends on the model variant. Unfortunately, the provided model number does not contain information about the pressure range. It's recommended to refer to the product documentation or datasheet for the exact pressure measurement range of this particular model.

5. Display: The sensor is equipped with a display that allows for easy visualization of the pressure readings. The display may provide numerical values, units of measurement, and possibly additional information or features, depending on the specific model.

6. Electrical Connection: The sensor supports a specific electrical connection type, indicated by the "/US/P" in the model name. The "/US" may represent a connector or electrical connection type compatible with the US market, while the "/P" could indicate additional details regarding the electrical connection or functionality. For precise information, it's best to consult the product documentation or datasheet.

7. Housing Type: The sensor is likely housed in a robust enclosure suitable for industrial environments. The specific details of the housing type or design are not evident from the provided model number.

For detailed specifications, installation guidelines, and compatibility information for the IFM PI2795 PI-004-REA01-

MFRKG/US/P flush pressure sensor with display, it is recommended to consult the official documentation provided by IFM Electronic GmbH or contact their technical support. They will be able to provide you with accurate and up-to-date information based on your specific requirements and the latest product information available.

Product characteristics

N u m b e r o f i n p u t s a n d o u t p u t s	Number of digital outputs: 2; Number of analogue outputs: 1		
M e a s u r i n g r a n g e			
	-1...4 bar	-14.5...58 psi	-100...400 kPa
P r o c e s s c o n n e c t i o n			
	threaded connection G 1 external thread Aseptoflex Vario		

Application

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Special features	Gold-plated contacts		
	flush mountable for the food and beverage industry		
	viscous media and liquids with suspended particles; liquids and gases		
	-25...125; (145 max. 1h)		
Medium temperature [°C]			
Minimum bursting pressure			
	100 bar	1450 psi	10000 kPa
Pressing pressure			
	30 bar	435 psi	3000 kPa
Vacuum resistance [mbar]			
	-1000		

<b>T y p e o f p r e s s u r e</b>	relative pressure; vacuum
<b>N o d e a d s p a c e</b>	yes
<b>M A W P (f o r a p p l i c a t i o n s a c c o r d i n g t o C R N ) [b a r]</b>	30

#### Electrical data

<b>Min. insulation resistance [MΩ]</b>	100; (500 V DC)
<b>Protection class</b>	III
<b>Reverse polarity protection</b>	yes
<b>Integrated watchdog</b>	yes

#### 2-wire

<b>Operating voltage [V]</b>	20...32 DC
<b>Current consumption [mA]</b>	3.6...21
<b>Power-on delay time [s]</b>	1

#### 3-wire

<b>Operating voltage [V]</b>	18...32 DC
<b>Current consumption [mA]</b>	< 45
<b>Power-on delay time [s]</b>	0.5

#### Inputs / outputs

<b>Number of inputs and outputs</b>	Number of digital outputs: 2; Number of analogue outputs: 1
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