

## INDION® FT 042E pH SENSOR

The new INDION FT042E pH Sensor is used to serve broad range of applications in drinking water, ground water, food, etc.

### Membrane glass

A wide selection of different pH-sensitive membranes ensures best possible measurement performance, based on the application for LOW pH/HF applications/Full Range/High Alkaline etc.

### Connections:

Both pH signal (2-wire)/BNC type and temperature signal in the same wiring harness.

### Temperature Compensation (Built In):

The inbuilt temperature elements allow for automatic compensation temperature.

### Reference system:

The sensor is provided with a SREF+ or Ag/AgCl reference system.

### Technical Specifications



FG code: ZRP01FAAAA00000  
Model no: FT042E

Types	Flow
Range	0-14pH
Slope	59 +/-3mV
Reference	Glass, Gel based, Double Junction KCl/Gel
Max Temperature	0-50°C
Temperature Compensation	Built in PT 100
Max Pressure	Up to 5 bar at 25°C
Glass Membrane Impedance	<300 MΩ at 25°C
Sensor Storage Solution	Saturated KCl
Diameter	12 mm
Shaft Length	120 mm
Shaft Material	Plastic
Process Connections	M20 with 18 (T.P.I)
Flow Assembly	½ inch BSP
Connector Type	pH signal (2-wire)/BNC with Low-Noise Coaxial Cable
Mounting Type	Flow Assembly
Cable Length	Standard 5m, can be extended up to 15m

### Other Industry

Pharma, petrochemical, swimming pools, aquarium, electroplating, food, chemical, fertilizer, dairy, drinking water, ground water.

### Other Applications

Extreme pH (Acidic & Alkaline), Narrow Vessel/Semi Micro, Low Temp (-30 °C), Steam Sterilisable.

### For more information write to us at: [inst.sales@ionexchange.co.in](mailto:inst.sales@ionexchange.co.in)

To the best of our knowledge the information contained in this publication is accurate. Ion Exchange (India) Ltd., maintains a policy of continuous development and reserves the right to amend the information given herein without notice.

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