

## INDION® FT725E pH SENSOR

The new INDION FT725E 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) or BNC 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: ZRP02FAAAA00000  
Model no: FT725E

Types	Flow
Compensation	With Temperature
Range	0-14pH
Slope	59 +/-3mV
Reference	Glass, Gel based, Double Junction KCl/Gel
Max Operating Temperature	0-50°C
Temperature Compensation	Built in PT 100
Max Pressure	Up to 5bar 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	1/2" BSP
Connector Type	pH signal (2-wire) or BNC with Low-Noise Coaxial Cable
Mounting Type	Flow Assembly
Cable Length	Standard 5mtrs, can be extended up to 15mtrs

### 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.

**INDION** is the registered trademark of Ion Exchange (India) Ltd.

## ION EXCHANGE (INDIA) LTD.

### Corporate Office

Ion House, Dr. E. Moses Road,  
Mahalaxmi, Mumbai 400 011  
Tel: +91 22 3989 0909  
Fax: +91 22 2493 8737  
E-mail: [ieil@ionexchange.co.in](mailto:ieil@ionexchange.co.in)

### Sales Office

Ion House, No. C-72 & 83, Devasandra Industrial Area,  
ITI Ancillary Industrial Estate, ITPL Whitefield Road,  
Mahadevapura Post, Bengaluru 560 048  
Tel: +91 80 220 428 88  
E-mail: [bnghocroser@ionexchange.co.in](mailto:bnghocroser@ionexchange.co.in)

### Factory

105, SIPCOT Industrial Complex,  
SIPCOT, Hosure, Tamil Nadu  
Tel: +91 4344 304 600  
E-mail: [inst.production@ionexchange.co.in](mailto:inst.production@ionexchange.co.in)