

INDION® FT450ED pH SENSOR

The new INDION FT450ED pH Sensor is used to serve broad range of applications in drinking water, ground water, waste 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) 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: ZRP04FAAAA00000
Model no: FT450ED

Types	Flow
Compensation	With Temperature
Range	0-14pH
Slope	59 +/-3mV
Reference	Flat Double Junction, Glass, Gel based, KCl/Gel
Max Operating Temperature	0-50°C
Temperature Compensation	Built in PT 100
Max Pressure	Ambient Pressure
Glass Membrane Impedance	<300 MΩ at 25°C
Sensor Storage Solution	Saturated KCl
Diameter	12 mm
Shaft Length	120 mm
Shaft Material	Polycarbonate
Process Connections	M20 with 18 (T.P.I)
Flow Assembly	½ inch BSP
Connector Type	pH signal (2-wire) or 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

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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