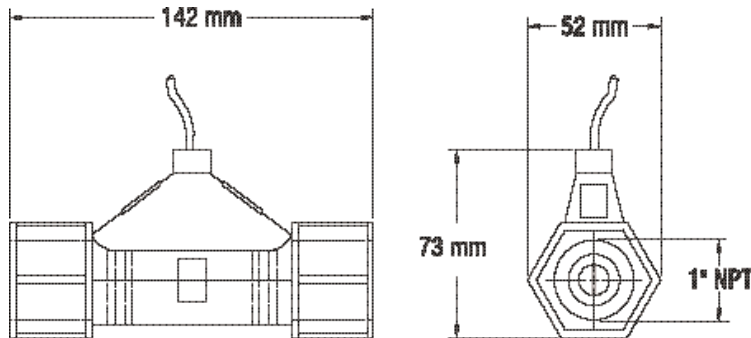


Conductivity Probes for Industrial Applications

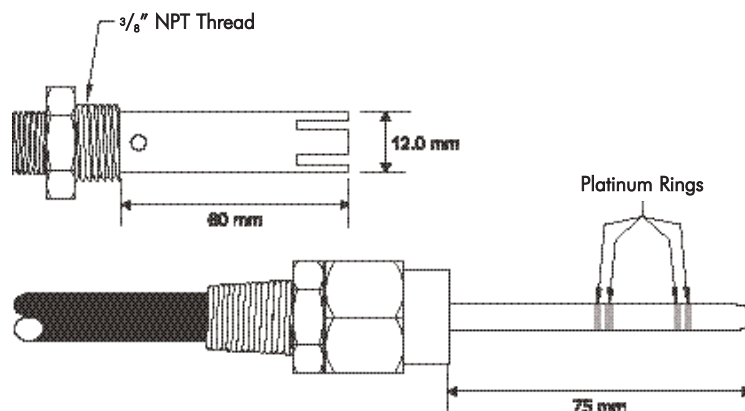
HI 7635 and HI 7636: In-line Probes



Specifications

	HI 7635	HI 7636
Temperature Compensation	automatic, 0 to 50°C with NTC sensor	—
Body	polypropylene	polypropylene
Operating Temperature	0 to 80°C (32 to 176°F)	0 to 80°C (32 to 176°F)
Max Pressure (@25°C/77°F)	5 bar	5 bar

HI 7638, HI 7639 and HI 7640: Conductivity Probes with Platinum Rings



Specifications

	HI 7638	HI 7639	HI 7640
Temperature Compensation	automatic, 0 to 50°C with NTC sensor	automatic, 0 to 50°C with Pt100 sensor	—
Body	Ultem® and glass	Ultem® and glass	Ultem® and glass
Operating Temperature	0 to 120°C (32 to 248°F)	0 to 120°C (32 to 248°F)	0 to 120°C
Max Pressure (@25°C/77°F)	5 bar	5 bar	5 bar

The wide range of HANNA instruments® conductivity probes includes models for industrial applications. Flow-thru and dip versions are available.

These conductivity probes combine the proven 4-ring potentiometric method of measuring conductivity with platinum sensors. The universally acclaimed 4-ring method provides a more stable measurement over a wider range. The probe does not suffer polarization, nor does it need frequent calibration or cell changes.

In addition, the built-in temperature sensor allows automatic temperature compensation of measurements.

These probes have been designed for easy operation and maintenance.

The 4 m cable is provided with color coded wires for easy connection to the HI 8936 transmitters.

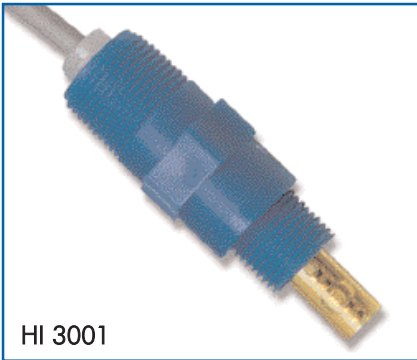


HI 7638

Conductivity Probes for Industrial Applications

These 4-ring probes measure conductivity with platinum sensors. They come with standard 1/2" external thread for flow-thru mounting and 3 m (9.9') of cable. The protective cover is made of Ultem® and can be removed for quick maintenance. These probes can withstand temperatures up to 80°C (176°F) and 6 bars (87 psi) of pressure.

In addition, **HI 3001** houses an NTC sensor for automatic temperature compensation. A new model is also available: **HI 3001D** with DIN connector, to be used with the **HI 99xx** series of wall-mounted controllers.



HI 3001

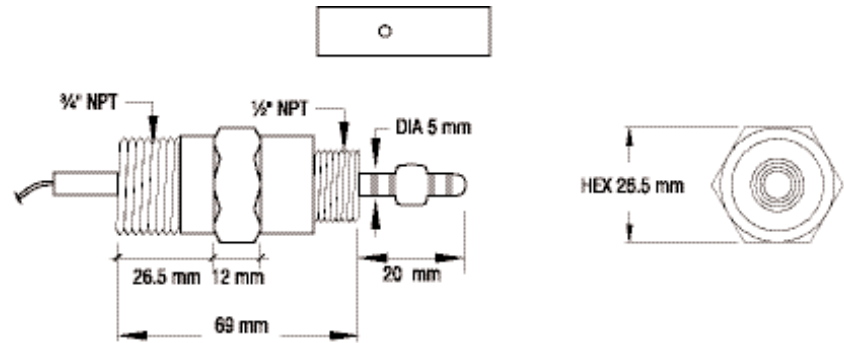
The **HI 3002** and **HI 3012** 4-ring probes measure conductivity with platinum sensors and come with standard 1/2" external thread for submersion applications and 3 m (9.9') of cable. The protective cover is made of Ultem® and can be removed for quick maintenance. The new probes can withstand temperatures up to 80°C (176°F) and 6 bars (87 psi) of pressure. **HI 3002** also houses an NTC temperature sensor for automatic temperature compensation.



HI 3002



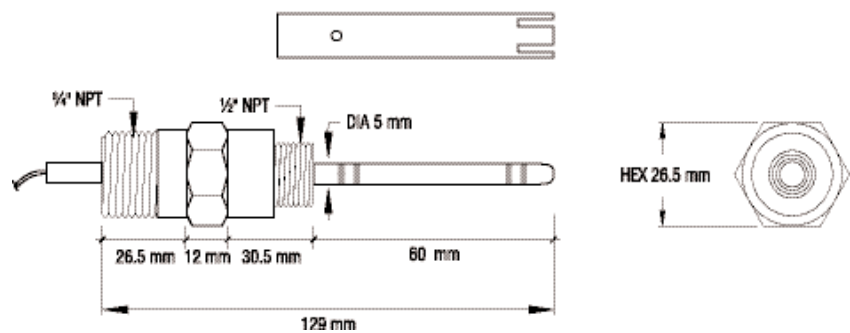
HI 3001, HI 3001D and HI 3011: Flow-thru Probes



Specifications

	HI 3001 / HI 3001D	HI 3011
Temperature Compensation	automatic, 0 to 60°C with NTC sensor	—
Body	Ultem® and PVDF	Ultem® and PVDF
Operating Temperature	0 to 80°C (32 to 176°F)	0 to 80°C (32 to 176°F)
Max Pressure (@25°C/77°F)	6 bar	6 bar

HI 3002 and HI 3012: Submersion Probes



Specifications

	HI 3002	HI 3012
Temperature Compensation	automatic, 0 to 60°C with NTC sensor	—
Body	Ultem® and PVDF	Ultem® and PVDF
Operating Temperature	0 to 80°C (32 to 176°F)	0 to 80°C (32 to 176°F)
Max Pressure (@25°C/77°F)	6 bar	6 bar