WARRANTY

All Hanna Instruments probes are warranted for a period of six months. This warranty is limited to repair or replacement free of charge.

Damages due to accident, misuse, tampering or lack of prescribed maintenance are not covered.

If service is required, contact the dealer from whom you purchased the instrument. If under warranty, report the model number, date of purchase, serial number and the nature of the failure. If the repair is not covered by the warranty, you will be notified of the charges incurred. If the instrument is to be returned to Hanna Instruments, first obtain a Returned Goods Authorization Number from the Customer Service department and then send it with shipment costs prepaid. If the repair is not covered by the warranty, you will be notified of the charge for repair or replacement. When shipping any instrument, make sure it is properly packaged for complete protection.

To validate your warranty, fill out and return the enclosed warranty card within 14 days from the date of purchase.

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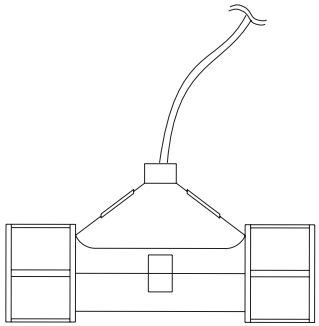
Instruction Manual

HI 7635

4-PIN IN-LINE CONDUCTIVITY PROBE



HANNA instruments

http://www.hannacan.com

Dear Customer,

Thank you for choosing a Hanna product. This manual will provide you with the necessary information for the correct operation of the probe. Please read it carefully before installing the probe. If you need additional technical information, do not hesitate to e-mail us at techserv@hannacan.com.

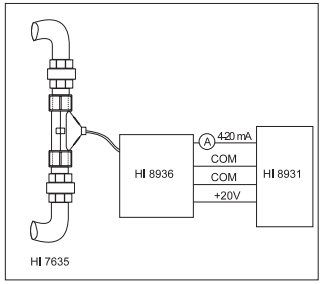
Hanna Instruments reserves the right to modify the design, construction and appearance of its products without advance notice.

PROBE MAINTENANCE

The probe can be compensated for normal contamination by a process of re-calibration. However, it is recommended that the process conductivity probe be removed from the system regularly for maintenance.

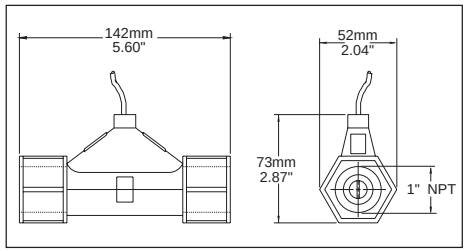
Deposits on the conductivity probe can be removed by immersing the probe in 0.1 N Hydrochloric acid for about 30 minutes. Heavier deposits may demand longer immersion periods. Clean the electrode thoroughly with water prior to the reinstallation. On reinstalling, check the seals carefully to ensure that a leak connection is obtained.

Note: Always recalibrate the meter when attaching a new probe.



TYPICAL CONNECTION OF THE HI7635 PROBE AND THE HI 8936 TRANSMITTER WITH HI 8931 CONTROLLER.

MECHANICAL DIMENSIONS



GENERAL DESCRIPTION

HI 7635 is a one piece, molded conductivity probe with pipe threads (1" NPT) at both ends. This allows the probe to attach to an in-line system, and to be used in conjunction with the **HI 8936** conductivity transmitter. The probe cable length is 3 meters (10').

The **HI 7635** uses a 4-ring potentiometric measuring method. This method is highly accurate and requires very little maintenance. The built-in NTC sensor provides temperature compensated conductivity measurements.

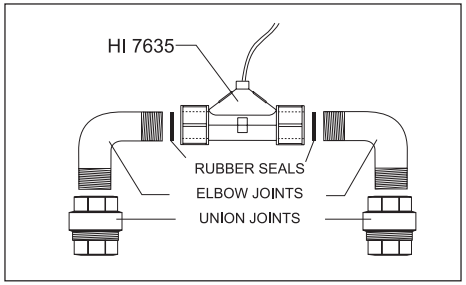
The construction of the housing is rugged, fiber-reinforced polypropylene.

The maximum working pressure of this unit is 5 BAR (72.5psi).

Do not use in systems where the temperature exceeds 80°C (176°F).

INSTALLATION

For the installation of the **HI 7635** conductivity probe, it is necessary to use rubber seals between the probe and the pipe or elbow joints. A pipe sealant is also recommended to ensure a leak free joint. When screwing the joints, take care not to overtighten as excessive pressures can cause the probe damage.



TYPICAL ASSEMBLY SITUATION FOR THE HI 7635 AS IN-LINE PROBE.

CONNECTIONS

The **HI 7635** is supplied with a 3 m (10') cable. The six wires from the cable must be connected to the HI 8936 process Conductivity Transmitter as shown below. The connection are color coded for an easy installation.

BLACK or GREY	NTC SENSOR
RED or PINK	NTC SENSOR
BROWN or ORANGE	probe pin 1
BLUE	probe pin 2
WHITE	probe pin 3
GREEN or YELLOW	probe pin 4