HydroLynx Systems, Inc.

MODEL 5390 Packaged Pressure Transducer
Liquid Level Station

General Description

The HydroLynx Model 5390 Packaged Pressure Transducer Liquid Level Station combines the effectiveness of the ALERT 5090 Packaged Pressure Transducer Liquid Level Station with the utility of the 50386 Data Transmitter. This package includes a Model 50386- 90 Data Transmitter, a 5050LL-PTD Pressure Transducer (user specified range), all cables and connectors, and a weatherproof standpipe assembly to house the transmitter and support the standard omni-directional antenna.

The 5050LL-PTD analog pressure transducer can be upgraded to a SDI-12 level sensor. SDI-12 level sensors have the advantage of a digital interface and data in engineering units. SDI-12 sensors can also be connected through a wireless link that eliminates the need for trenching and laying wires from the SDI-12 sensor to the 50386 Data Transmitter. Refer to Model 5390WL for more information.

Specifications

Height: .... 12 ft. including rain gauge top section
Diameter: .... 12 in.
Weight: .... 70 lbs.
Shipping Weight: .... 80 lbs.

Ordering Information
5390   Packaged Pressure Transducer Station
      5090SA Standpipe Assembly
      5090SO Standpipe
      5090SC Standpipe Cover
      5050A Omni Antenna, 3dB
      5090AM Antenna Mast
      5090C-RG8 Antenna Cable with connectors
      5090LR Lifting Rope
      5090LB 1 in. Conduit Elbow Box
      50386-90 Transmitter with data logging
      RTR, Specify radio and frequency
      5031-18 Gel Cell Battery, 18 AH, 12 Vdc
      5033-0.3B Solar Panel, Regulator, Mounting Bracket
      5050LL-PTD Pressure Transducer,
      40 ft. Vented cable, Specify Range
5390/5054TS...........Packaged Pressure Transducer Station with Rain Gauge Top Section (Same as Model 5390 except 5090SC Standpipe Cover is replaced by 5054TS Rain Gauge Top Section)
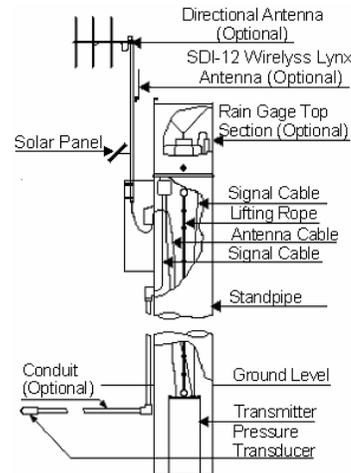
Options
5090D ....Access Door for Standpipe
5050LA ....Antenna Lightning Protection
5054SG ....Standpipe Ground Kit
SAM160...................Directional Antenna, 10 dB
5054TS....................Rain Gauge Top Section includes Model 5050P Tipping Bucket Assembly, Funnel and Screen
5050LL-PTD-C ....Additional Cable for Pressure Transducer
5390WL...................Wireless Lynx with SDI-12 level sensor
5073TBX..................50386 Toolbox Software

Packaged Pressure Transducer Station, City of Loveland, CO

Options (continued)
50386-OP2 ....10 Pin MS Female Digital Status Connector
50386-OP4 ....6 Serial Port Expansion
50386-OP5..............Leased Line Modem
50386-OP6.............. Internal Power Supply
50386-OP7..............GOES Radio
50386-OP8..............ScadaLynx Radio
50386-OP9..............Microwave Interface
50386-OP10............GOES Antenna
50386-OP11............ Industrial Dial-up Modem

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