



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 gage top section
Diameter	12 in.
Weight	70 lbs.
Shipping Weight	80 lbs.

Ordering Information

5390	Packaged Pressure Transducer Station — includes:
5090SA	Standpipe Assembly:
5090SO	Standpipe
5090SC	Standpipe Cover
5050A	Omni Antenna, 3 dB
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	Radio Link (Specify radio and frequency)
5031-22	Gel Cell Battery, 22 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 5390 except 5090SC Standpipe Cover is replaced by 5054TS Rain Gauge Top Section)

Options

5054SD	Slide-in Access Door for Standpipe with lock	5073TBX	50386 Toolbox Software
5050LA	Antenna Lightning Protection	50386-OP2	10-Pin MS Female Digital Status Connector
5054SG	Standpipe Ground Kit	50386-OP4	6 Serial Port Expansion
SAM160	Directional Antenna, 10 dB	50386-OP6	Internal Power Supply
5054TS	Rain Gauge Top Section incl. 5050P Tipping Bucket, Funnel & Screen	50386-OP14	Network Interface with Connector
5050LL-PTD-C	Additional Cable for Pressure Transducer	50386-OP21	Cellular Radio Modem
5390WL	Wireless Lynx with SDI-12 level sensor	50386-OP22	Iridium Satellite Modem
		50386-OP23	Wi-Fi Radio Modem
		Radio Options	
		Default	Maxon 5W with Enclosure
		Supported	Ritron 5W with or without Enclosure; Ritron 30W with Enclosure



Packaged Pressure Transducer Station, City of Loveland, CO

