



A/F ENCODER ATTACHMENT



The Stevens® Type A/F Encoder Attachment is an input device for the Stevens®GS-93/ GS-98® and AxSys® MPU with the primary purpose of encoding water level utilizing a Type F or Type A chart recording instrument.

The Encoder is housed in a protective enclosure and supplied with mounting brackets for mounting directly to the input shafts of existing Stevens Type A and Type F chart recorders. The basic encoding device is an incremental optical encoder which transforms the rotating mechanical input to a quadrature type of electrical output signal. This signal is brought out of the enclosure through to a 4-conductor cable which is retained by a weather-tight cable clamp. Connections to the cable wires are easily made to the screw-clamped type of barrier strips on the Loggers, using only a flat-bladed screwdriver. Our receiving instruments may be used, if their inputs can be scaled to the Encoder input.

Specifications:

Power: 5 volts direct current +/-10% at 17mA typical in continuous power mode; 3.5 mA typical when sampled by Stevens Logger.

Cable: Power and signal output connections are made to a 4-conductor, shielded cable, conductor size #22 AWG stranded wire.

Enclosure: Polycarbonate, 2.55 inch high x 1.96 inch wide x 1.37 inch deep

Weight: .5 lb. (.23 kg.)

Temperature: -40 to +160 deg. F. (-40 to +71 deg. C)

Stevens Water Monitoring Systems, Inc. 12067 NE Glenn Widing Drive, Suite 106
Portland, Oregon 97220
Phone: 503-445-8000
Fax no. 503-445-8001
www.stevenswater.com