

**DESCRIPTION**

The **GEFCO Select #EE148-1 Water Pressure Switch Assembly** provides an accurate means of monitoring water pressures in applications such as pump basket strainers, providing a safety to shut down for pumps in the event either a suction valve was left closed or there has been a severe accumulation of debris in the pump's basket strainer. They come in several pressure ranges.

The GEFCO Select #EE148-1 Electronic Water Pressure Switch is constructed of 316 SST with a 1/4" NPT port and is rated to measure a range from -15HG -200 PSI and produce a corresponding digital signal. Other sensors providing a signal of 0-10 VDC are available also along with other pressure ranges.

Select from 5 pressure ranges:

- a: -15HG to 15 PSIG
- b: 6 to 30 PSIG
- c: 8 to 60 PSIG
- d: 10 to 100 PSIG
- e: 40 to 200 PSIG

The assembly is provided with a pressure snubber, 2" pressure gauge and 2 brass 1/4" NPT valves, one for isolation from the manifold and one for flush down purpose to clean the assembly during maintenance operations.

**TYPICAL SPECIFICATIONS:**

\* **GEFCO Select #EE148-1-X Water Pressure Switch:**

- 1/4" NPT brass SCH40 manifold.
- 2" Pressure gauge, 0-60/0-100 PSI, 1/4" NPT, SST.
- 2 ea. 1/4" ball valve, bronze, threaded.
- 1/4" Mx FM NPT pressure snubber.
- mechanical pressure adjustment range:
- X specify pressure range: -a, -b, -c, -d, -e.
- 2000 PSI Burst pressure rated.
- SST Construction.
- 1/4" SST male NPT conn.
- 4-pin miniature IP67 L-plug connection
- SPDT 3A max Switch @ 120VAC/
- to be used in conjunction with GEFCO Select #EEACS series VFD or #EE140 PFC.

**OPTIONS**

- 1/2" conduit connection with 6 ft of cable

**IMPORTANT NOTE:**

\* **install in a position to AVOID entrapment of air such as horizontally.**

\* **DO NOT install in a hanging position to allow the collection of debris.**

**REPLACEMENT PARTS:**

- 1 Sensor (specify signal and P-rating).
- 2 Pressure Snubber.
- 3 Pressure gauge (specify range).

**IMPORTANT NOTE:**

*The designers, installers and end users utilizing the electrical equipment described herein assume full responsibility for the compliance with the N.E.C and it's applicable articles, intents and consequences. Where the manufacturer and/or the supplier of the electrical equipment described herein does not control the application or usage, he assumes no responsibility whatsoever for any consequences arising out of the application, installation and/or usage of this or any other equipment and/or materials*

