

WATER PRESSURE SENSOR

Water Management

Product Numbers: 6100-0010, 6100-0018



MAXIMUS[®]
An Ingersoll Rand Business

Adequate water supply that meets animal needs is key to successful farming!

Water is a valuable resource that impacts livestock growth, health, reproduction, temperature regulation, etc.

Measuring water pressure is therefore one of the key factors to ensure animals get the right amount of water.

A water pressure sensor connected to the **MAXIMUS** controller ensures constant and reliable monitoring of your system's water flow.

At the slightest abnormal fluctuation in pressure, an alarm is triggered, possibly indicating clogged filters, blocked or broken pipes.

It's the ideal solution for preventing a lack of water supply for your animals.



Features

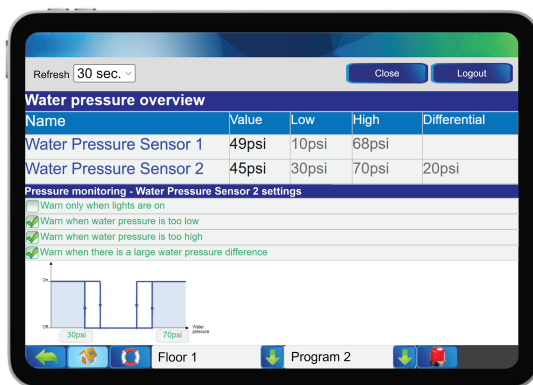
- Ceramic sensor in compact, rugged NEMA 4X stainless steel housing.
- Designed for a variety of pressure ranges.
- Housing for protection against harsh environments.
- Suitable for outdoor use.

Keeping the Right Water Pressure at All Times for Healthy Animals

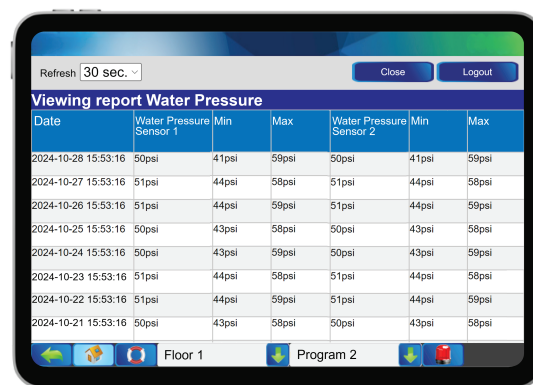
When the sensor is connected to the **MAXIMUS** controller, you can program alarms to warn you in the following situations:

- When water pressure is too low or too high compared to setpoints.
- Only if the alarm occurs when the lights are on.
- When the water pressure difference between two sensors is too high. This is useful if you want to monitor a water filter, for example. When it gets clogged, a large pressure difference is noticed between the incoming and outgoing water lines.

Overview of water pressure per sensor



Daily monitoring of water fluctuations in a building



Available Products

Product Number	Description
6100-0010	¼" male NPT water pressure sensor
6100-0018	¼" male NPT water pressure sensor with surge protection

Technical Specifications

	6100-0010	6100-0018
Pressure Range	0 to 100 psi	0 to 232 psi
Thread Size	¼" male NPT	¼" male NPT
Power Supply	9 to 30 VDC	12 to 24 VDC
Output Signal	4 to 20 mA	4 to 20 mA
Precision	±1,0% FS (Full Scale)	±1,5% FS (Full Scale)
Operating Temperature	0 to 185 °F (-18 to 85 °C)	-4 to 257 °F (-40 to 125 °C)
Protection Rating	IP66	IP68
Installation	In any position	In any position