

PRESSURE SENSOR

Utilizing the industry leading ceramic capacitive technology, the 116CP is housed in a small and innovative plastic package ideal for boilers, pumps, and other light industrial applications. The 116CP is offered in a wide range of configurations including various pressure ports, electrical outputs and pressure ranges from 0-4 to 0-16 bar.



SPECIFICATION :

- Supply Voltage - 5VDC (ratiometric) or 8-30VDC (voltage regulated)
- Output Voltage - Commonly 0.5 to 3.5V or 0.5 to 4.5V
- Supply Current - 8.0mA
- Output current - 5.0mA (max)
- Output Load - 10kOhm pull down
- Output Response Time - <10ms
- Overvoltage Protection - $\pm 40V$
- Reverse Voltage - -14V
- Short Circuit Protection - Up to 40V
- Multiple port & Connector options
- High accuracy: $\pm 1.5\%VS$
- Small & compact size
- 100% automated calibration
- REACH/RoHS/CE compliant
- Pressure Ranges - 0-4 to 0-16bar (0-60 to 0-232 PSI)



LoRaWAN IO CONTROLLER

The LT series I/O Modules are Long Range LoRa I/O Controller. It contains different I/O Interfaces such as: analog current Input, analog voltage input, relay output, digital input and digital output etc. The LT I/O Modules are designed to simplify the installation of I/O monitoring. The LT I/O Controllers allows the user to send data and reach extremely long ranges. It provides ultra-long range spread spectrum communication and high interference immunity whilst minimising current consumption.

SPECIFICATIONS :

- STM32L072CZT6 MCU
- SX1276/78 LoRa Wireless Chip
- LoRaWAN Class A & Class C protocol
- Optional Customized LoRa Protocol
- Bands: CN470/EU433/KR920/US915
- EU868/AS923/AU915
- AT Commands to change parameters

