

I²C Pressure Sensor

I²C pressure sensor for smart water systems

TH-DS-21004



Overview

This handy pressure transducer is easy to integrate and provides accurate readings (0-30 bar) to ensure proper irrigation system operation.

It measures pressure in components such as pipes and hoses, helps prevent breaks and lets you know if irrigation is running correctly.

General specifications

Working temperature	-10 ~ 50 °C
Supply voltage	3.3 Vdc
Interface	I ² C

Mechanical specifications

Sensor dimensions	Ø28 x 56 mm
Cable length	2 m
Weight	200 g
Material	Stainless steel
IP rating	IP68
Thread	1/2" BSPP (Gas)

Pressure measurement

Medium	Water
Range	0 ~ 30 bar
Resolution	0.01 bar
Accuracy	0.5% FS

