

Sensor Box/Fire Alarm System

Description

TSF11 is responsible for managing the sensors. In TSF11, fire status parameters such as temperature, humidity, CO and CO2 are received from the environment and then this data is transmitted to the CR100/CN100 via a communication bus.



Specifications

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Sensors Specification	Temperature, Humidity, CO2 : Sensirion CO: Spec Sensor Smoke Detector: Optic Sensor
Connectors	3 Pin: Smoke Sensor 4 Pin: Spec Sensor 5 Pin: Sensirion Sensor 4 Pin: Programmer Connector 6 Pin/8 Pin communication bus (6 Pin for LoRaWAN / 8 Pin for NB-IoT)
Working Environment	Operating Temperature: -20°C ~ 85°C Storage Temperature: -40°C ~ 85°C Operating humidity : 0 ~ 100%
Lifetime	> 5 years (10 years @ 25± 10C; 60 ± 30% RH)
Power	Input Universal Range 3.3-3.7 DC (Powered from CR100)
Power Consumption	<150mW
Case	Waterproof (IP67) with military Connectors
Physical Features	75*110*160 mm