

TFD-1170

Intelligent Addressable Natural Gas Detector

TFD-1170 is a natural gas detector which can be connected to Teknim addressable fire alarm systems. It is equipped with an 85dB on-board buzzer for audio warning, and with red/ yellow/ green colored LED indicators for visual warning.

Alarm detection and filtering algorithm directly transmits precise and reliable alarm information to the control panel.

TFD-1170 addressable natural gas detector is suitable for ceiling and wall mounting. Detector also provides a test button on it to perform tests for all visual and audio warnings.



General Features

- TSE TS-EN 50184-1 Certified
- 85dB Alarm Sound Level
- TEST button for buzzer and LEDs
- 2x LED indicators enable 360° view from all directions
- Suitable for Ceiling and Wall Mounting

Technical Specifications

	TSD-1170
Standard	TS-EN 50184-1
Operating Type	MQ5 Gas Sensor
Device Type	A
Gaz Algılama Seviyesi	%10 LEL
Sound Indicator	Continuous: Gas Alarm Intermittent: Sensor Fault
Sound Level	≥85dB (at 1mt)
LED Indicator	Alarm: RED ,Fault: Yellow Normal: Green
Test Button	Yes
Power	18–32 VDC
Average Consumption	<50uA
Alarm Consumption	<60uA
External Power	12-30 VDC
External Powered Consumption	50mA @24VDC
External Powered Alarm Consumption	60mA @24VDC
Start Time	3 min.
Dimensions (mm)	Ø110, h50
Body Material and Color	ABS Plastic – White
Operating Temperature	-10°C ~ +55°C
Humidity	95% RH
Protection Class	IPX2D

