

TW3205 (FosLink)

Water Sensor

Feature and Benefits

- 1.It checks if the room or warehouse is submerged, which is used as water level alarm.
- 2.The terminal reports opening or closing event to household fire alarm controller to achieve data statistics and alarm data collection.
- 3.Data transfer is achieved by FosLink and real-time capacity is high.
- 4.Accurate ADC sampling in the module is adopted to achieve low electric quantity and real-time measurement of electric quantity.
- 5.Low power consumption communication module is used to keep standby current of main module <30uA.
- 6.It is applicable to private house, warehouse, archives room, water tank and other occasions where it is required to detect water level.

Overview

The TW3205 (Foslink) water sensor (water sensor consists of main module (communication module) and water probe) is used to check if the room or warehouse is submerged or used as water level alarm. If the probe is submerged, main module sends status information to household fire alarm controller by Foslink to achieve security alarm function. It is widely used on fire alarm occasion, such as smart home and safety protection position.



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Technical Specification

The main technical Specification of the controller are shown in the table.

Type	TW3205(FosLink)
Operating voltage	DC3V
Static power	<40uA
Alarm current	<140mA
Indication and Operation	The module is provided with three-color status indicator and one base disengagement key.
Installation method	Sticking
Operation temperature	-5°C-+40°C
Operation humidity	0-95% RH, no condensation
Outline dimension	:75mmX35mmX23mm(excluding magnet)
Housing colour	White
Weight	About 50g



Names and Location

1. Module outline dimension and installation dimension diagram as shown in Figure 1 (Unit: mm)



Figure 1 Diagram of TW3205 (Foslink) of outline dimension and installation dimension

2. Indicator lights and press keys description

Indicator lights:

- ① Normal operation: Green lights flash once every 80S
- ② Online status: Green lights normally on for 10 S
- ③ Alarm status: Red lights flash once for 1S
- ④ Fault status: Yellow lights flash once every 80S

Press keys:

Key bouncing: water base disengagement

