

FGI Temperature and Humidity Sensors



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Temperature sensor devices are available with or without humidity sensing. Each sensor device also includes one additional input, which may be a switch level detector, a switch transition detector, or an analog input for interfacing industry standard 4 to 20 milliamp sensors.

Each of these devices has an FGI DI connector, with two additional terminals which can be connected to an external switch, digital level signal, or a 4-20 ma analog sensor device.. Each temperature sensor device also has two DO ports, which can each connect to an additional device downstream from the controller. These DI and DO ports can connect to other FGI screw terminal ports, or to RJ-45 style FGI connections through an appropriate FGI adapter module.

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FG-014300	FGI Temperature Sensor, Switch Input
FG-024300	FGI Temperature Sensor, Transition Input
FG-004300	FGI Temperature Sensor, 4-20 ma Analog Input
TBD	FGI Temperature Sensor, Over/Under Temperature Alarm
FG-014000-10	FGI Temperature & Humidity Sensor, Switch Input, +/- 3%RH
FG-024000-10	FGI Temperature & Humidity Sensor, Transition Input, +/- 3%RH
FG-004000-10	FGI Temperature & Humidity Sensor, 4-20 ma Analog Input, +/- 3%RH
FG-014000-11	FGI Temperature & Humidity Sensor, Switch Input, +/- 2%RH
FG-024000-11	FGI Temperature & Humidity Sensor, Transition Input, +/- 2%RH
FG-004000-11	FGI Temperature & Humidity Sensor, 4-20 ma Analog Input, +/- 2%RH

Temperature Sensor Specifications

Inputs:

Screw terminal FGI DI port
Switch level, transition detect,
or 4-20 ma analog sensor input

Outputs:

Two screw terminal FGI DO ports

Dimensions: 2-1/2" x 1-5/8" x 3/4"

Power consumption: 2.1 ma typical