

GZT-12D

Sensplorer 12-port Digital Input Module

CLOUD AND MOBILE MONITORING

Sensplorer's MQTT protocol support presents secure, accurate, prompt mobile and cloud based monitoring for the contact values of foreign device and sensors.

DIGITAL INPUT DETECTION

Hardware and software solution that monitors digital outputs which other device or sensor produced by their relay outputs

A UNIQUE NAME, CONFIGURATION AND "IF THIS THEN THAT" RULE CAN BE SEPERATELY ASSIGNED FOR EACH INDIVIDUAL SENSOR

Sensplorer's flexible , modern and user-friendly software gives you the freedom to use it any way you want. No design or system limitations

EXPANDABILITY

Sensplorer has a modularly expandable design protecting the current investment. The expansion size depends on the type of Sensplorer base module used

- **Precise and electromagnetically immune digital outputs of device and sensors monitoring**
- **Device and sensors also can be monitored by Sensplorer system via their alarm relay outputs**
- **Contact signals are isolated from the rest of Sensplorer system**
- **User defined name, limits and hysteresis**
- **It can be used with all Sensplorer X/M/S Base Modules**

The **Sensplorer 12-port Digital Input Module** monitors digital outputs produced by other device and sensors in terms of their status. A digital output can be one of in two status : "1"(closed) or "0" (open). Devices and sensors define the one state as Normal while the other as Alarm. When they are connected to Sensplorer Digital Input module's port, Alarm and Normal state is assigned with respect to its documentation.

Sensplorer system is isolated from the foreign device's outputs to protect itself. Isolation protects the Sensplorer system from unexpected and abnormal signals from the other devices which may damage the whole system

The LEDs on the module helps people to see the current state of contacts in the field and to intervene immediately.

It is connected to RS-485 port Sensplorer X/M/L types of Sensplorer Base Modules.

If the sensor value goes out of the range defined by the system administrator;

- *Users sensor assigned, "if defined", receive e-mail, SMS, phone call*
- *Sensplorer dashboard shows the status change on dashboard*
- *SNMP / Syslog servers , "if defined", receives the traps/messages*
- *SCADA or BMS systems, , "if defined", receives the traps/messages*
- *Sensplorer runs the specific rule(s) defined in case of this particular event*
- *All events and sensor's values are stored in the sensor history database for logging or reporting purpose in the future*

Technical Specifications

12-port Digital Input Module

Power	: 12-35 V DC , max. 5 W
Working Temp.	: 0 °C / +70 °C
Storage Temp	: -40 °C / +85 °C
Installation	: DIN Rail /Wall Mount
Dimension (W*L*D)	: 158 x 86 x 60 mm

Digital Input Sensor

Measured Value	: "1" (Close Circuit) Or "0" (Open Circuit)
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Response Time	: max. 1 seconds
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Always monitor your assets wherever you are...

SENSPLORER ALWAYS LETS YOU KNOW WHAT'S GOING ON

Sensplorer sends message to the assigned people to let them know a status change occurred

Users can request the current state of sensors whenever they want to know

All these assignments are completely customizable and easy to use

GOING GREEN

Sensplorer helps you to run an environmentally conscious operation



Please let us know about your requests, questions, comments and suggestions...

www.sensplorer.com

Sensplorer X/M/S/v3.0 Base Module



Sensplorer CAN Expansion Modules

- 16-port Sensor Hub
- GSM Modem
- Temperature & Humidity
- Flooding / Water Leak
- 2-Port Dry Contact
- 16-Port Dry Contact
- 3-Phase Voltage
- 8-port Relay
- RS-485 Modbus RTU
- RS-232 Modbus TRU
- 12-port Digital Input
- AC Fuse Monitoring

CAN Modular Expansion Bus (UTP)

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SENSPLORER
ENVIRONMENT CONTROL SYSTEM

