ionSign

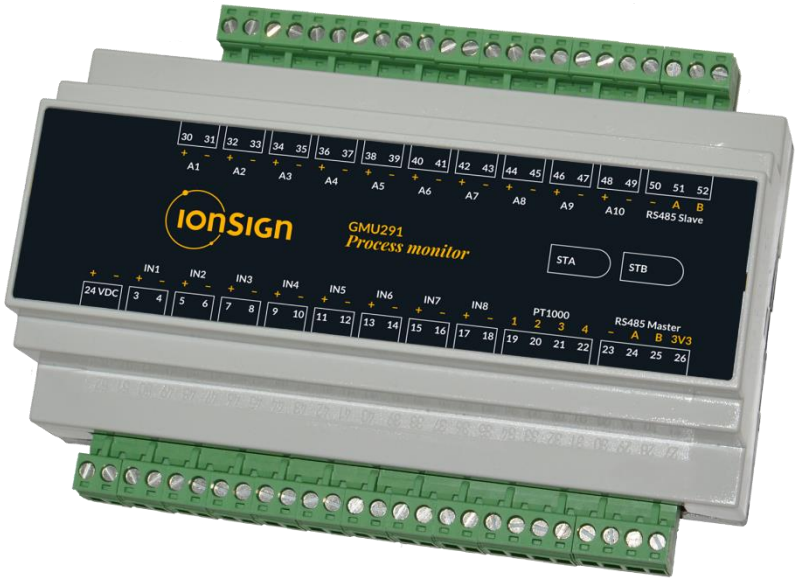
Smart Connections

Gluon GMU291

The GMU291 is a powerful and versatile data acquisition device for remote monitoring and industrial internet (IoT) applications. It is very easy to install and use.

The GMU291 collects several types of measurement data through its analog, digital, and PT1000 temperature inputs. After initial setup, data is collected spontaneously.

The collected data may be queried by ionSign's versatile process monitoring devices, either GMU191, transmitting via cellular interface, or GMU391, transmitting via LAN/TCP-IP. Also, the GMU291 may be queried by any fieldbus master using the Modbus protocol.



This makes the GMU291 a perfect extension to an existing data collection system, yet keeping data transfer simple, through a single transfer channel.

Technical specifications

- 8 open collector inputs for pulse counting or relay inputs for digital switches
- 10 current (4 – 20 mA) or voltage (1 – 5V) signal inputs
- PT1000 temperature sensor input
- 2 RS485 interfaces (Modbus master & slave)
- Data buffering for 13 000 measurements (=all inputs and 250 Modbus registers)
- 135 days buffering at 15 min logging interval
- Operating voltage 12…24 VDC
- Current consumption 100 mA
- Operating temperature -25°C … +50°C
- Storage temperature -30°C … +85°C
- Operating humidity 5%...95%, non-condensing
- 9 module wide DIN rail enclosure
- (WxHxD 156x90x52mm)
- IP20

Extra features

- Available with installation for higher IP class
- Available with cellular and LAN/TCP-IP data transfer interfaces

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