



Smart Connections

Gluon PMU261

The PMU261 is a digital switch or pulse data collector for industrial applications. It is very easy to install, setup and use.

The PMU261 is fit for two main purposes:

1. Collecting pulse data from various utility consumption meters – electricity, water, heat, gas – conforming to the S0 pulse interface.
2. Collecting digital switch data, detecting on/off events.

The collected data may be queried via the RS485 serial connection with any Modbus master fieldbus device.

ionSign's versatile Gluon process monitors provide an easy way to both transmit and locally buffer the data collected by the Gluon PMU261.

Gluon Process Monitors:

- GMU191 (3G), GMU391 (TCP-IP), GMU491 (3G and TCP-IP) – Modbus, analog and digital inputs
- GMU101 (3G), GMU331 (TCP-IP) – Modbus connectivity



Technical specifications

- 15 open collector inputs for pulse counting or relay inputs for digital switches
- RS485 interface (Modbus slave)
- 6 module wide DIN rail enclosure (WxHxD 105x90x52mm)
- IP20
- Operating voltage 12...24 VDC
- Current consumption 100mA
- Operating temperature -25°C ... +50°C
- Storage temperature -30°C ... +85°C
- Operating humidity 5%...95%, non-condensing

Extra features

- Available with installation enclosure for higher IP class
- Either standalone with fieldbus data query or as an extension to ionSign's Gluon process monitors