kerberos

IP30 | RS485 ModBUS | LTE 4G | UPS



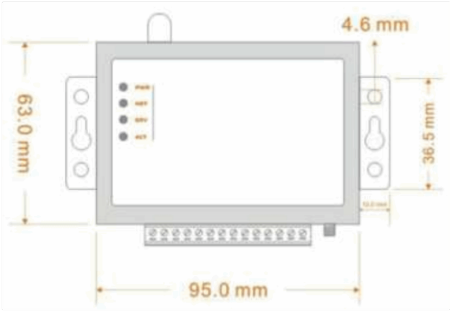
Pulse counter with optical interface for electricity meter

- **4G-LTE Modem**
- **Internal backup battery**
- **Configurable via SMS**
- **RS485 ModBUS RTU**

KET-MES-420

Applications

Monitoring consumption



LE SPECIFICHE TECNICHE E LE IMMAGINI RIPORTATE IN QUESTA SCHEDA TECNICA SONO SOGGETTE A VARIAZIONI E AGGIORNAMENTI

Technical Features

General specifications	**Protection Range**: IP30 **Operative Temperature**: -30 ÷ +70 °C **Storage Temperature**: **Relative Humidity**: MAX 95% not condensing
Case	**Dimensions**: 95 x 63 x 25 mm (W x H x D) **Mounting**: Wall or back plate mounting
Power supply	**Supply Voltage**: 9 ÷ 28 VDC (Standard adapter: DC 12V/1.5A) **Consumption**: 12 V input max. 150 mA - average 50 mA **Connectors types**: Screw terminal
Ups	**Battery Type**: Lithium-polymer 3.7V - 500 mAh **Approximate Battery Life**: 8 - 20 hours
Processors	**Processor Type**: Cortex M3 32 bit ARM
Rs485 interface	**Channels**: 1 **Supported Protocols**: ModBUS RTU Slave **Communication Rate**: 1200 ÷ 115200 bps (default 9600) **Connectors types**: Screw terminal
Digital inputs	**Channels**: 4 for dry contact **Digital Inputs**: Set as counter with count frequency (10-50Hz)
Pulse counter	**Max Error**: ±0.3% @ 30 to 50 Hz; ±0.11% @ up to 30 Hz
Modem	**Supported Protocols**: FDD LTE (4G) **Radio Frequency**: **Antenna Type**: SMA connector for GSM antenna **SIM Type**: SIM card voice/data
Integrated functions	**Services**: Email alarm notification in case of power failure