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|---|---|
| Power supply                            | 12 Vdc, optional 110/220 Vac or solar panel   |
| Current supply                          | 30 $\mu$ A standby mode, 40 $\div$ 110 mA operating mode depending on the settings (60 mA is the average current supply on standard mode, 30 mA on low power or ultra low power mode)     |
| Operating temperature                   | - 20 $\div$ + 70 °C   |
| Protection                              | External box IP67   |
| Dimensions                              | 159 x 110 x 54 mm   |
| Weight                                  | about 500 g   |
| Local digital inputs                    | 2 channels, trigger event / impulse counter / frequency input   |
| Local analog inputs                     | 2 channels, 4 $\div$ 20 mA / 0 $\div$ 3 Vdc / 0 $\div$ 10 Vdc   |
| Local digital outputs                   | 2 alarms, contacts relay 24 Vac/Vdc 3 A – 2 switches static 12 V 0.3 A  |
| Communication ports                     | 1 ethernet / 2 RS485 / 2 RS232 / 1 Dust Network (external radio module)   |
| User interface                          | Display LCD 128 x 64, Keyboard 12 touch sense   |
| Internal clock                          | 3 V lithium battery   |
| Memory                                  | SD card (4 Gb) and USB drive 2 to 64 Gb (4 Gb standard)   |
| Data acquisition method                 | Local via SD Card or USB port (backup)<br>Remotely (optional) via FTP server or client on LAN or GPRS/UMTS<br>Remotely (optional) via radio   |
| Types of measuring (MUMS)               | Gravity, magnetic field, piezometric pressure, barometric pressure, temperature, current 4 $\div$ 20 mA, voltage 0 $\div$ 10 V  |
| Number of nodes that can be read (MUMS) | 2040  |
| Measurement resolution (MUMS)           | 16 bit for piezometric pressure, current, voltage, electrolytic cell and high resolution temperature<br>14 bit for gravity<br>12 bit for magnetic field<br>10 bit for barometric pressure |
| Sampling period                         | 1 $\div$ 59 minutes / 1 $\div$ 23 hours / 1 $\div$ 10 days  |
| Number of storage acquisition (MUMS)    | More than 2,000,000 on maximum configuration  |
| Read/write data frequency (MUMS)        | 1 MHz   |
| Supply voltage (MUMS)                   | 10 $\div$ 15 V  |
| Type of communication (MUMS)            | 485   |

DISCLAIMER: ASE S.r.l. reserves the right to make changes to any product or technology herein to improve reliability, function or design without prior notification.

MUMS is a patent system

