



elektrosistem



BLM

MICROPROCESSOR BATTERY LEVEL INDICATOR



BLM is an extremely compact battery level indicator designed to be installed inside a dashboard or applied to small panels.

A special case guarantees versatility and makes installation very easy also for unskilled operators.

The microprocessor based discharge algorithm offers many options to widely customize the product: special curves according to the type of battery and to the type of application can be programmed in the indicator microprocessor.

OPERATION

When switched on the indicator checks operation of all LEDs. The battery level is then indicated through 3 LEDs with multiple indication. As the battery level decreases, LEDs light up, one at a time, to indicate the % depth of discharge according to the following list:

- GREEN LED : Voltage included between 00% and 60%
- YELLOW LED : Voltage included between 60% and 30%
- YELLOW AND RED LEDs *FLASHING LIGHT* : Voltage included between 30 % and 15%
- RED LED *FIX LIGHT* : Voltage included between 15% and 0%

Voltage value for yellow and red LEDs can be modified and factory set.
The indication is not affected by current peaks thanks to a delayed reading.

TECHNICAL FEATURES

- Indication through high bright LEDs
- Delayed reading to avoid current peaks
- Reverse polarity protection
- Not affected by vibrations
- IP 65 protection on the upper part

TECHNICAL SPECIFICATIONS

Operating voltage	12-24-36V
Reset voltage	2.04 V/cell
Max current draw	5 mA
Max operating voltage	-20°C +50°C
Max relative humidity	90% at 25°C

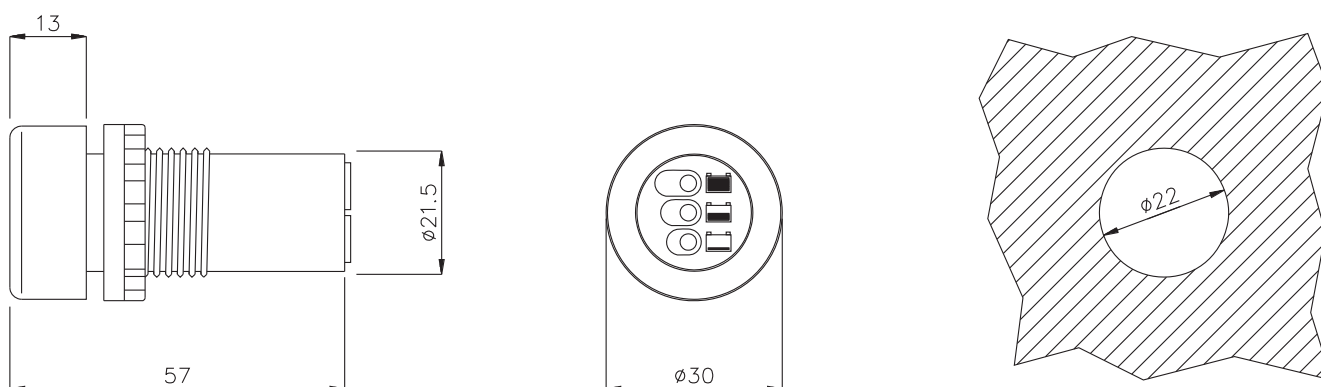
N.B. Specifications subject to change without notice

~~NEWS~~

MODELS

MODELS	12V	24V	36V
PART NUMBER	20.054139	20.054140	20.054141

DIMENSIONS



WIRING DIAGRAM

