



NIMBUS LIGHT technical brochure



ITALIAN DESIGN
SOFTWARE CUSTOMIZATION
SAFETY CARE
OPERATOR ORIENTED

TECHNICAL FEATURES

Operating voltage: 8 – 32 Vdc, protected against reverse polarity

Operating temperature: -30°C +80°C

Material: PC/ABS and UV resistance front panel and antireflection treatment

Sealing: IP67

CPU: - 32 bit ARM CORTEX M7

Memory:
- FLASH: 8MB
- RAM: 1MB
- EEPROM 64Kb

LCD TFT panel:
- Format: 5inch IPS TECHNOLOGY
- Resolution: 800X480 dots
- Backlight: LED 800cd/m²
- Contrast ratio: 1000

14 HIGH SIDE DIGITAL INPUT (12 if used 2 CANBUS port)

6 LOW SIDE DIGITAL INPUT

2 Frequency INPUT

2 protected HIGH SIDE OUTPUT 2A (Optional)

7 LED indicator

1 3 button KEYPAD

1 ambient light sensor

2 CANBUS 2.0 part A and B up to 1Mbps (ISO 11898 standard) (1 CANBUS is optional)

1 buzzer 100dBA @10cm (Optional)

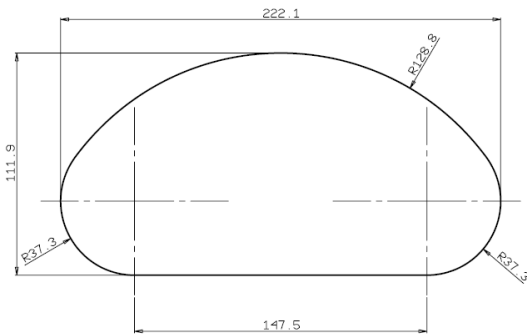
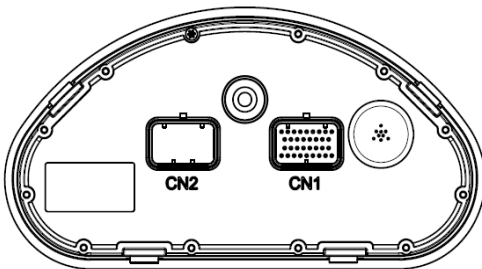
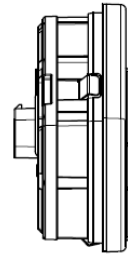
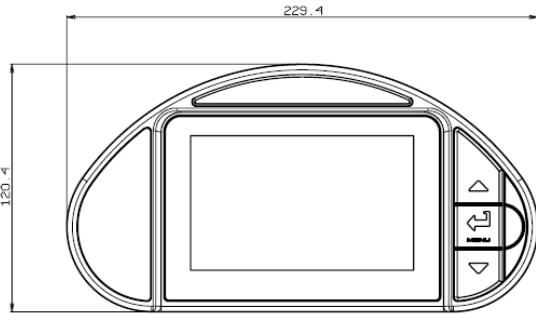
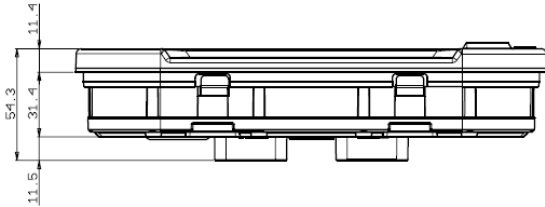
1 internal RTC (real time clock) with internal battery

1 connector 34 PIN SUPERSEAL

Programmable in C languages

CAN bootloader for FW upgrade

Overall dimensions



REV. 1



Strumentazione analogica-digitale,
centraline elettroniche e spie

Analog-Digital instruments,
Electronic Control Board & Indicators

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AZIENDA CON SISTEMA DI GESTIONE
PER LA QUALITÀ CERTIFICATO DA DNV
= UNI EN ISO 9001:2008 =