

129.00 EUR
incl. 19% VAT, plus shipping

- STM32L072 Controller !
- IP67 Rated Enclosure !
- Wall mount / Pole Mount !
- 2× 4-20mA Analog !

The EC-M12-BC-C6-C-A is a rugged, IP67-rated IoT telemetry unit designed for reliable outdoor and remote monitoring applications. Powered by high-capacity non-rechargeable lithium batteries, it delivers years of autonomous operation even in harsh environments.

Built on the ultra-low-power STM32L072CZT6 MCU, the device supports multi-network cellular connectivity for seamless data transmission. It also integrates directly with two industrial analog inputs interfaces, making it ideal for use in utilities, environmental monitoring, agriculture, and industrial asset management.

- EC-M12-BC-C6-C-A
- IP67 Rugged Industrial Design
- 38000 mAh Long Battery Life
- STM32L072 Reliable Operation
- SIM7070 Secure Connectivity
- Dual 4-20mA analog input configuration for common industrial process sensors
- 12V sensor excitation

Range of product	Model A
Product type	NORVI SENSOR NODE
Rated supply voltage	Built-in Battery LiSoCL
Communication	SIMCOM SIM7070 – 2G / NB-IoT
Inputs	2 × Analog Inputs

Sensor Power	12V DC / 5V DC
Displays and Visual Indicators	Connectivity Indicator
Enclosure	ABS + PolyCarbonate / IP67
Mounting / Installation Method	Wall mount / Pole Mount
Terminal Type	M8 – 8 pin connector
Dimmensions	146 x 50 x 90 mm
IP degree of protection	IP67
Operating altitude	0...2000m
Operating temperature	-40 to +85 °C
Shock resistance	Not Applicable
Resistance to electrostatic discharge	VBAT/GND: ±5 kV / ±10 kV Antenna: ±5 kV / ±10 kV USB: ±4 kV / ±8 kV UART: ±4 kV / ±6 kV Other pads: ±1 kV / ±2 kV
Certifications	EN 61131-2:2007 EN 61010-1:2010+A1:2019 EN IEC 61010-2-201:2018 2014/30/EU- Electromagnetic Compatibility (EMC) Annex III, Part B, Module C
Product Unified Code / Part Number	EC-M12-BC-C6-C-A
Peripherals	
Card Type	MicroSD
Interface	SPI
Modem	SIM7070
Technology	LTE Cat-M1 NB-IoT (NB1/NB2) GSM/GPRS fallback (2G)
Coverage / Supported Bands	(B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B27/B28/B66) for Cat-M/NB, plus quad-band GSM (850/900/1800/1900 MHz).
Data Rate	LTE Cat-M1: up to 588 kbps DL / 1119 kbps UL NB-IoT: up to 26 kbps DL / 62.5 kbps UL GPRS: 85.6 kbps DL / UL