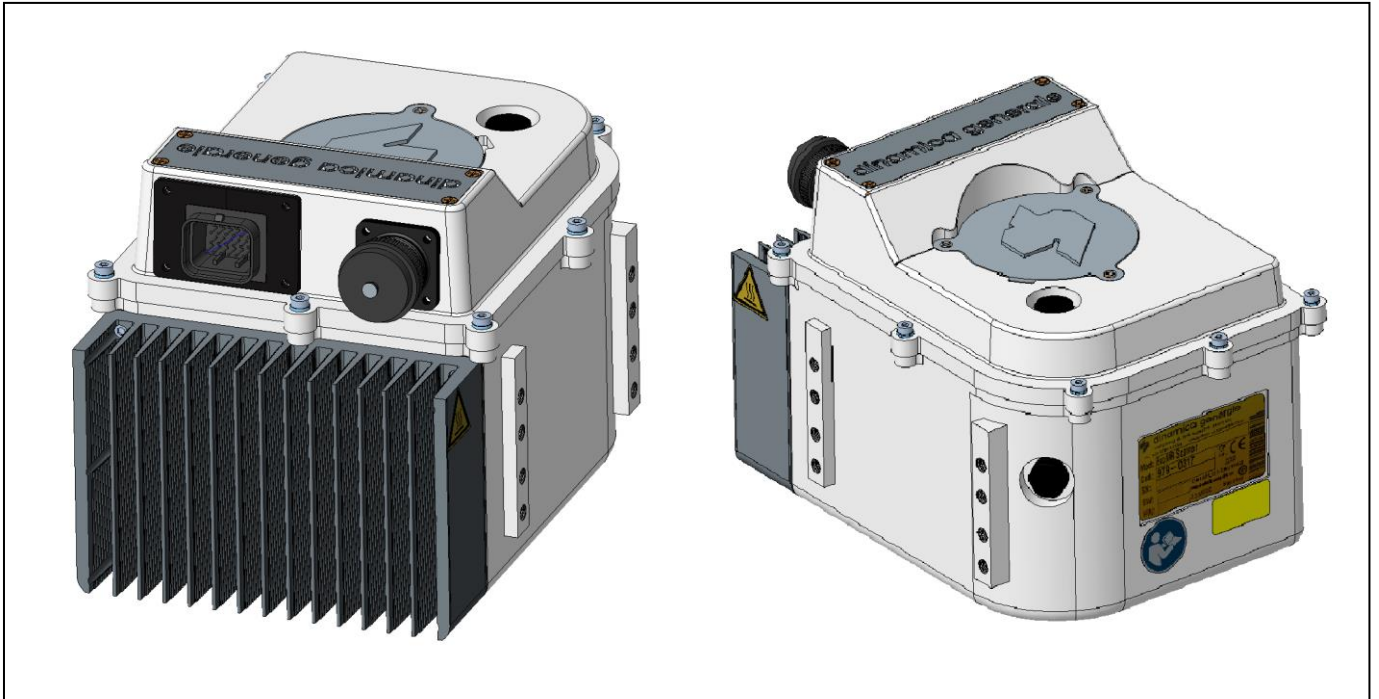


SECTION 1 – Technical data

Power supply	12 - 32 Vdc
Working Temperature	-20 / +50 °C (14 / +122 °F)
Working Limit Temperature*	-20 / +60 °C (14 / + 158 °F)
Storage Temperature	-40 / +85°C (-40 / +185 °F)
Shutdown Temperature	< -30 / > +80 °C (-22 / +176 °F)
Absorption	Max 7A @ 12V
Connectors	Multifunction
Wavelength analyzed	950nm -1800nm
Communication	CAN Bus, RS232, ISOBUS, Ethernet (10/100Mb) (Optional)
Memory	16GB eMMC 1GB SDRAM
CPU	Broadcom BCM2837B0, Cortex-A53 (ARMv8) 64-bit SoC @ 1.2GHz
Diagnostic	Message on CAN, Message on terminal connected
Weight	4,4 kg
Dimensions	171 x 233 x 174 mm
Housing	Aluminum
Installation	Easy installation thought fasteners and brackets
IOT	Open interface to cloud via Kali Communication Hub or integrated Ethernet/CAN
Protection grade	IP69K
Standards	EMC: EN ISO 14982 (2009) EMC: ISO 13766-1 (2018) CE Mark
Measurement Type	Real time (20 samples per seconds)

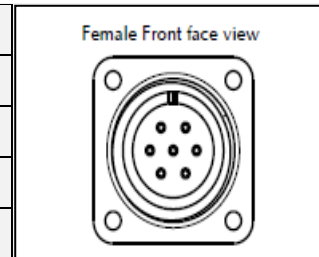
* When operating under limit temperature condition, performances cannot be guaranteed. The use of a protection cover is recommended by Dinamica Generale.



SECTION 2 – Connector Pinout

Military connector 7 poles Amphenol: MS3102A-16S-1S second source REC: RMS3102A-16S-1S-24

Pin Number	Function
A	5V
E	D-
F	GND
G	D+



Pins not indicated are not used

AMP 26 poles connector TE Connectivity 3-1437290-8

Pin Number	Function
26	Vbatt
25	GND
24	GND
23	Vbatt
22	Ignition
19	CAN_H_1
18	CAN_L_1
15	RS232 Rx
14	RS232 Tx
13	GPRS -RX
12	Weigth Repeater - TX
11	GPRS - TX
6	GND
5	GND
2	GPS -TX
1	GPS - RX
Pins not indicated are not used	

