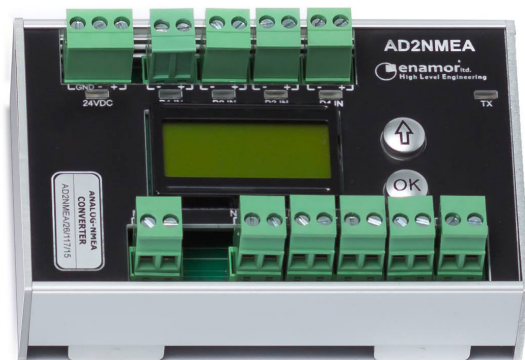


# ENAMOR PRODUCTS NMEA MODULES FAMILY

## AD2NMEA CONVERTER

### GENERAL FEATURES:

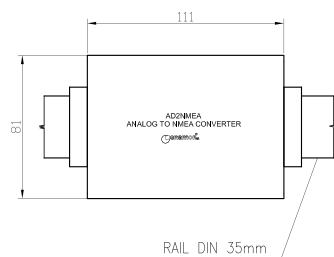
- 2 analog input channels:  $\pm 10V / 4..20mA$ , 16bit resolution (32767 to -32767)
- 4 digital inputs type AC / DC in the range of 5-32V in either polarity of the 3 basic modes: NO, NC, FREQ
- Output: NMEA, Modbus Slave, CAN
- Power supply: 24VC (range 18V-36V DC)
- Power consumption (max): 6W
- Compatibility: NMEA 0183 - Standard for Interfacing Marine Electronic Devices
- Mounted on DIN rail or in Enclosure Type A



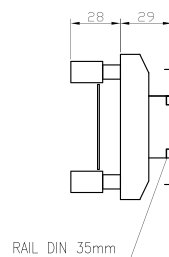
AD2NMEA (Analog and Digital To NMEA) is module allows to convert standard voltage or current signals to communication protocols. Various sensors are not suitable for marine applications and needs to be converted to digital data and then to be transmitted to external system or observed on digital display. Most sensors have an output voltage range of  $\pm 10V$  or more reliable and more resistant to interference current output 4..20mA.

AD2NMEA gives you possibility to convert both analog values to digital NMEA protocol and then to be send to any navigational device or system. Many devices generate binary signals (0 or 1) which is used to give information about device status (eg. open, closed, working, failure etc). Therefore AD2NMEA converter is equipped with four built-in digital channels to be converted also to protocols NMEA-0183 or RS485 – Modbus Slave.

**MOUNTED ON DIN RAIL  
FRONT VIEW**



**MOUNTED ON DIN RAIL  
SIDE VIEW**



**MOUNTED INSIDE  
NMEA ENCLOSURE TYPE A**

