

PROFESSIONAL REMOTE CONTROLS SINCE 1988

MODIN M880



TELEMETRY AND MUCH MORE!

The MODIN transmitter is designed for DIN-rail mounting and provides its users with practical terminal blocks for digital, analog and serial inputs. The typical fields of application are: telemetry (for the transmission of data coming from sensors, limit switches, PLCs and CAN-BUS, RS 232 and RS 485 ports), movements control (commands coming from joystick, push-buttons, switches and potentiometers); transmission of an emergency STOP (coming from an E-STOP button). MODIN has the following types of inputs: basic commands (Start, E-Stop, frequency change), 24 digital inputs, 8 analog inputs, CAN-BUS, RS232 or RS485 ports. A major advantage of the MODIN SYSTEM is the ease of installation on DIN rail in standard control boxes.

The MODIN transmitter can be paired with any receiver in the SIMBAL range but is commonly used along with the M-AC receiver which is also a DIN rail mounted unit.

TECHNICAL DATA

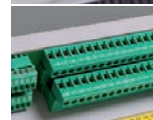
Supply voltage	12÷30 Vdc / 24 Vac (50-60 Hz)
Absorption	4W max
Max Absorption	≈ 0,36A max @ 11Vdc
Casing material	ABS
STOP command	PLe Cat.4 (ISO 13849-1: 2006 6.2.7 architecture)
Operating frequency 1	I.S.M. 433.050-434.790 MHz
Operating frequency 2	I.S.M. 434.040-434.790 MHz
Operating frequency 3	2,4 GHz, 16 ch
Operating temperature	-25°C to +70°C (-13°F to +158 °F)
Storage temperature	-40°C to +85°C (-40°F to +185 °F)
Range	100 meters
Dimensions (L.W.H.)	180 x 73 x 120 mm
Weight	≈ 910 g max
Degree of protection	IP 20

DETAILS



STATUS LEDs

The MODIN transmitter is equipped with LEDs providing information about working status and error diagnostics.



EXTRACTABLE TERMINAL BLOCKS WITH MARKER STRIPS

A control box always kept in order, ease of access for maintenance purpose, quick installation.



SMA EXTERNAL ANTENNA CONNECTOR

The IMET's MODIN transmitter unit is equipped with a connector for an external antenna, which will allow you to install it in an optimal position.



EXTRACTABLE FUSES

In order to simplify installation and maintenance procedures, IMET has designed the electronic boards with good accessibility to protection devices for ease of replacement.



COMUNICATION PORT

The MODIN transmitting unit supports the CAN/CANOPEN, RS 485 and RS 232 communication protocols, which allow the data acquisition from sensors or external electronic devices.



ADAPTIVE FREQUENCY AGILITY (AFA)

The radio remote control automatically tunes itself on the cleanest radio channel. No more manual frequency changes will be required.



DATAFEEDBACK

MODIN can be equipped with feedback relays to manage signaling lights and horns.