

# SENSISTANT

## Modbus configuration and monitoring tool



SENSISTANT is an easy to handle 4,3 inch intuitive graphical user interface with a TFT touch screen intended for assistance in setting-up Sentera sensors and controllers. It communicates over Modbus RTU with PoM (Power over Modbus) and automatically recognizes the connected sensor / controller.

### Key features

- Human-machine interface with a 4,3" TFT touch screen
- Recognizes all Sentera sensors / controllers with Modbus RTU connection
- Modbus RTU communication (RS485)
- 24 VDC "Power over Modbus" power supply

### Technical specifications

Display size	4,3"	
Display type	Resistive	
Maximum power consumption	1,2 W	
Nominal or average power consumption in normal operation	1,2 W	
Imax	50 mA	
Interface type	24 bit RGB	
Resolution	480 x 272 px	
Connection	RJ45 connector	
Power supply	24 VDC (PoM)	
Power consumption	50 mA	
Ambient conditions	Temperature	-10—40 °C
	Rel. humidity	5—80 % rH (non-condensing)



### Area of use

- Configuration and monitoring of all Sentera sensors and controllers equipped with Modbus RTU (RS485) interface
- For indoor use only

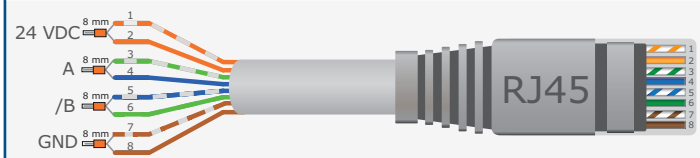
### Standards

- Low Voltage Directive 2014/35/EC
- EMC Directive 2004/108/EC: EN 61000-6-3:2007, EN 61000-6-2:2006, EN 60730-1:2011
- WEEE Directive 2012/19/EC
- RoHS Directive 2011/65/EC

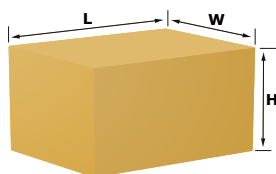


### RJ45 wiring and connections

Pin 1	24 VDC	Supply voltage
Pin 2	24 VDC	Supply voltage
Pin 3	A	Modbus RTU communication, signal A
Pin 4	A	Modbus RTU communication, signal A
Pin 5	/B	Modbus RTU communication, signal /B
Pin 6	/B	Modbus RTU communication, signal /B
Pin 7	GND	Supply voltage
Pin 8	GND	Supply voltage

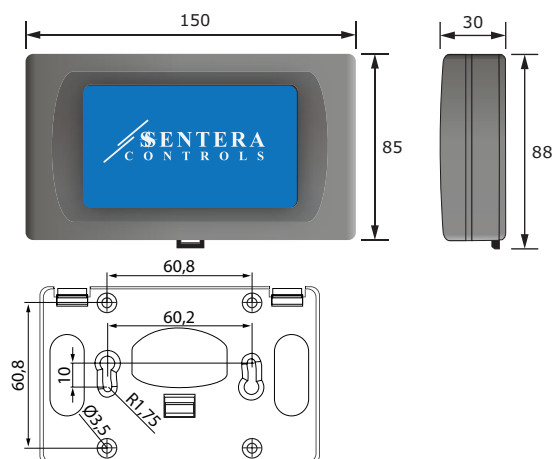


### Packaging



Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight	Gross weight
Unit (1 pc.)	170	95	90	0,26 kg	0,32 kg

### Fixing and dimensions



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## Application examples

