

THE NEW STANDARD FOR MODBUS INDICATORS

MODBUS RTU INDICATOR WITH OLED 2,7" DISPLAY

S401-L



The S401-L module is a panel mounting indicator with OLED data display.

The module has two RS485 serial ports, both supporting MODBUS-RTU protocol:
-Master MODBUS-RTU Port: through it the data exchange with the connected slave I/O modules is performed.

-Slave MODBUS-RTU Port: through it the data acquired from the slave I/O modules and their elaborations are exchanged with a master device. Through this port it is besides possible the indicator software configuration.

-Optional calculation of the moving average for the acquired analog quantities. Alarm signalling by warning message or by trigger writing.

-Selectable menu language: Italian, English, French and settable display contrast.

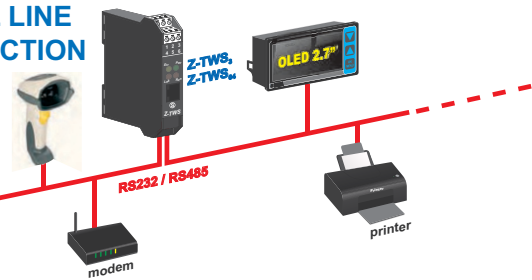
-Number of quantities to view on the same display screen: 1, 2 or 3 measurements and settable number of decimal figures: automatic, 1, 2 or 3.

TECHNICAL SPECIFICATIONS

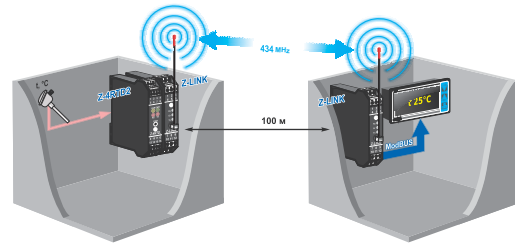
General Data	
Power supply	10-40 Vdc / 19-28 Vac
Power consumption	1 W
Communication interface	2 x RS485 ModBUS RTU Master / Slave Speed 1.200..115.200 bps
Memory	RAM: 256 byte XRAM: 4kB Flash: 32 kB
Visualization And Measure	
Display	OLED 2,7", 128 x 64 pixel
Front keys	3 menu keys
Visualization	Up to 20 measures (max 3 per page) With autoscrolling
Serial communication	Address, parity, baud rate, response delay time, transmission delay time, data receiving timeout
Data storage	RAM, 20 x 4 byte
Thermomechanics Data	
Operating temperature	-10..+60°C
Front protection	IP65
Dimension (W x H x D)	96x48x40 mm
Settings, Norms	
Software / query	Max free settings 20 query, data management via EASY S401
Settings	Communication parameters, language, contrast, brightness, range, offset, measure type
Conformity	EN 61000-6-4/2002, EN 61000-6-2/2005, EN 61010-1/2001
Order Codes	
Code	Description
Model	S401-L ModBUS RTU indicator with OLED 2,7" display

APPLICATION EXAMPLE

SERIAL LINE CONNECTION



SIGNAL RETRANSMISSION

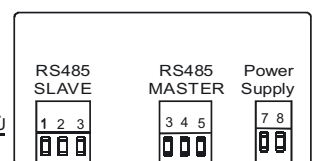


BUTTONS AND TERMINALS POSITION

FRONTAL PANEL: DISPLAY AND BUTTONS



REAR SIDE: TERMINALS



ELECTRICAL CONNECTIONS

