Remote Modbus display 96×48 STR571

Modbus 96×48 mm variable display with OLED screen
2 RS485 master/slave ports, 2 relay outputs



KEY FEATURES

- Up to 8 Modbus variables
- Two RS485 ports: master and slave
- Alarms and digital inputs
- NFC configuration

Description

The Pixsys STR571 is a 96x48 mm remote display that polls Modbus devices and shows their values on a graphic OLED screen. A simple way to make data visible on the panel front when it is otherwise only accessible via the serial link.

Up to 8 Modbus variables

The STR571 reads up to 8 16-bit or 32-bit Modbus RTU variables, distributed over 1 to 4 variables per page. Names (16 characters) and units are customizable, and values can be scaled for display.

Two RS485 ports: master and slave

The first port interrogates the devices using Modbus RTU/ASCII master. The second, in Modbus RTU slave mode, allows an automation system or supervision system to interrogate the STR571 in turn.

Alarms and digital inputs

Two 2 A relays manage alarms on the read variables. Three digital inputs and a potentiometer input allow changing values, triggering alarms, or navigating through the pages.

NFC configuration

The display is configured via NFC with the MyPixsys app, via the keyboard or via micro USB with MyPixsysLab. The menus are available in French.

Typical applications

- Front-panel display of values from a PLC or a drive
- Production display: counters, rates, setpoints
- Addition of local alarms on an existing Modbus installation
- Adjustment of a remote setting via a potentiometer

Non-contractual document. Specifications subject to technical changes. Edition 11/2026.

Technical specifications

General characteristics

Dimensions	96 x 48 mm (1/8 DIN), depth 48 mm
Nutrition	24…230 VAC/DC ±15 %, 50/60 Hz (galvanic isolation 2.5 kV)
Consumption	6 W/VA
Display	Yellow 2.42 OLED graphic display, 128 x 64 pixels
Materials	Polycarbonate V0 casing, silicone rubber front panel
Weight	Approx. 165 g
Protection index	Front view IP54, housing and terminals IP20
Terms of use	0 to 45 °C, 35 to 95 % RH, maximum altitude 2000 m
Certifications	CE, UL

Entrées

Potentiometer input	Min. 1 kΩ, 4096 adjustment points
Digital entries	2 programmable PNP/NPN + 1 PNP

Outings and communication

Order code	STR571-1ABC-T128R
Relais	2 x 2 A 250 VAC resistive load
Auxiliary output	24 VDC, 30 mA max.
Port RS485 No. 1	Modbus RTU/ASCII master, isolated, 1200 to 115 200 baud
Port RS485 no. 2	Modbus RTU slave, isolated
USB	Micro USB (firmware and MyPixsysLab)

Software functions

Variables	Up to 8 Modbus 16 or 32 bit variables
Display	1 to 4 variables per page, customizable names and units, scalable
Alarms	2 ON/OFF alarms: threshold, band, delayed, latched, via digital input or serial link
Languages of the menus	French, German, Italian, English, Spanish
Data protection	Locking of the settings, access to the parameters via password

Technical advice and quote

DYNATIME SA distributes this product in Switzerland from Marin (NE). Our team helps you choose the right version for your application and sends you a quote quickly.
+41 32 968 15 36 · **info@dynatime.ch** · dynatime.ch/en/catalog/str571-modbus/

Non-contractual document. Specifications subject to technical changes. Edition 11/2026.