Pixsys ELECTRONICS

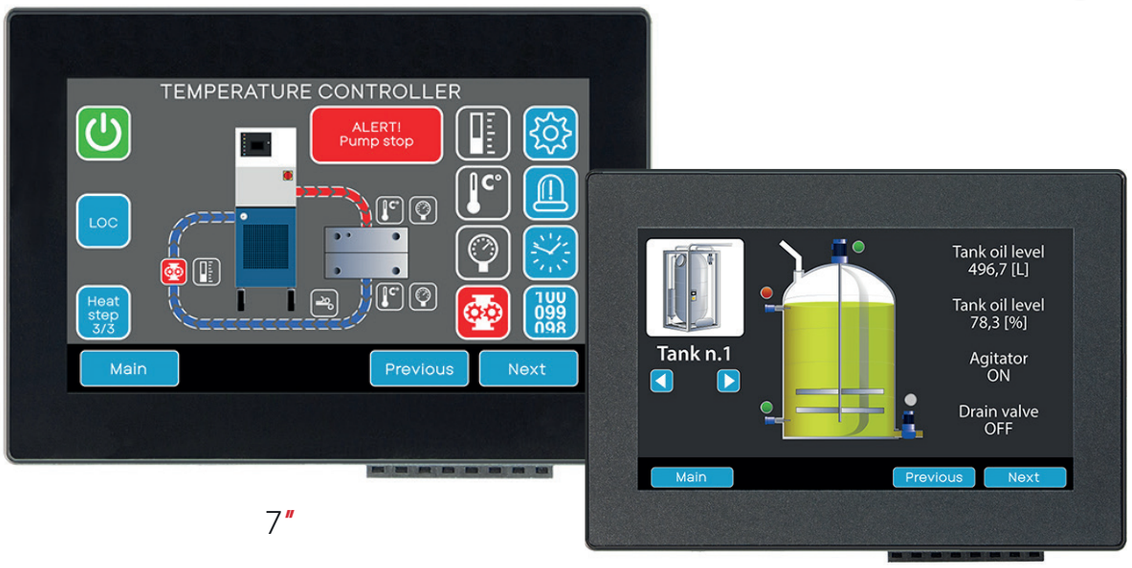
Your partner for industrial automation

WWW.PIXSYS.NET

TINY series

HMI ∞ Soft PLC

All-in-one



7″

5″

LOGIC LAB
IEC 61131-3 ENVIRONMENT

PAGE LAB
EMBEDDED HMI

- **Linux Ubuntu** RealTime OS
- **LogicLab** PLC Programming tool (**IEC61131-3**) + **PageLab** integrated graphic design platform
- Optional **Pixsys Portal VPN** Remote Control and Assistance tool
- Multiple I/O solutions (open-frame or DIN-rail mount enclosure)
- Fieldbuses: **Modbus RTU** M/S, **Modbus TCP** M/S, **CANopen** M
- **OPC UA** Server, **MQTT** Client

Pixsys Srl

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YouTube in

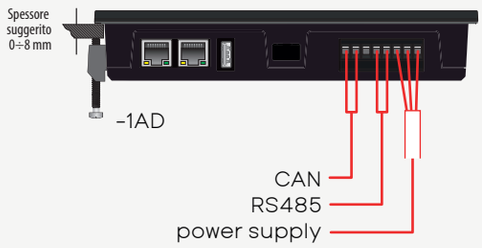
WWW.PIXSYS.NET

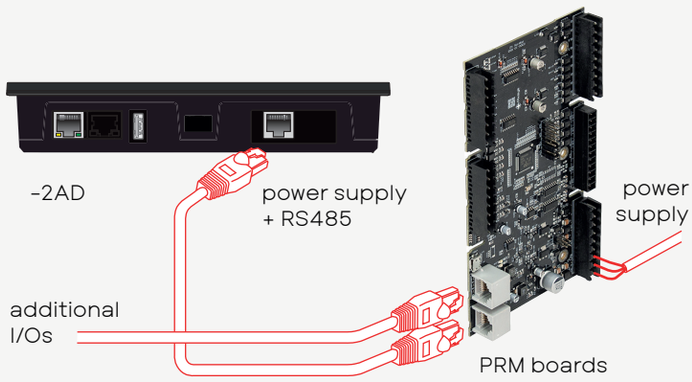
TY HMI Soft PLC

DIMENSIONS (mm)

MODEL	L	H	W	L (CUT-OUT)	H (CUT-OUT)
TY550	137	96	35	130	90
TY750	137	96	35	130	90
TY570	186	123	34	179	116
TY770	186	123	34	179	116

7" >





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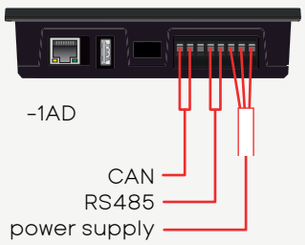

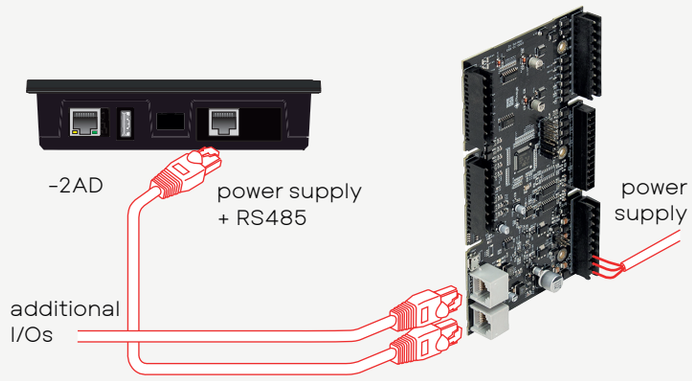

GENERAL FEATURES

POWER SUPPLY	12..24V DC
CONSUMPTION	6W max
OPERATING SYSTEM	Linux Ubuntu RealTime
CPU	Rockchip Single Core 1,2 GHz
RAM	256Mb
PIXSYS PORTAL (VPN)	Remote control and assistance service (optional)

OPTIONS

- Up to 2xETH 10/100Mbit
- 1x CAN bus on terminal block
- 1x RS485 on terminal block or RJ45 connector
- 1x USB 2.0 port
- Wide screen capacitive / resistive displays: size 5" (resolution 800 x 480 px) or size 7" (resolution 1024 x 600 px)

I/O MODULES

PRM-PS-A-T1	I/O open-frame 2 PT1000, 4X 4..20mA / 0..10V, 8DI, 8PNP + 8MPM DO selectable, 2AO, 1PWM
PRM-PS-A-T2	I/O open-frame 3 RTD, 1 AI 4..20mA, 8DI, 8DO, 2AO, 1PWM
MCM260X	DIN-rail enclosure, modular concept, 6 versions (see datasheet)
ETD1644	Compact I/O module, 16 DI/O, 4 AI, 4 AO, supply 12...24VDC

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