

Vico MT PLC

Control Technology

Multi-touch panel with CODESYS PLC

The Vico MT 27 PLC is an industrial control panel with integrated CODESYS PLC and visualization on a common hardware platform. The device is used to implement machine controls, user interfaces and visualizations in a compact system. The integrated CODESYS V3 Runtime enables the execution of PLC applications as well as CODESYS visualizations directly on the panel. The device communicates with fieldbus components and decentralized automation devices via EtherCAT, Modbus TCP and Modbus RTU. The high-resolution IPS display with multi-touch glass front and aluminum frame supports convenient operation and enables direct interaction with machine processes. Thanks to robust and long-term industrial components, the Vico MT 27 PLC is suitable for demanding automation applications in mechanical and plant engineering.



Features

- High quality industrial design
- IPS widescreen display with multi-touch glass touch
- PLC and Visualisation with the CODESYS Development System
- Fieldbus connectivity via EtherCAT, Modbus TCP and Modbus RTU
- High performance and long-term availability

Technical data	Vico MT 727 PLC WV	Vico MT 1027 PLC WV	Vico MT 1527 PLC WV
Touch screen	Multi-touch glass front with aluminium edge protection		
Display size	7" IPS Display	10.1" IPS Display	15.6" IPS Display
Resolution	1024 x 600 / (17:10)	1280 x 800 / (16:10)	1366 x 768 / (16:9)
Brightness	450 cd/m ²	420 cd/m ²	350 cd/m ²
Dimensions (W x H x D)	200 x 132 x 48 mm	265 x 187 x 41 mm	405 x 254 x 60 mm
Processor	Arm® i.MX8M Mini 4 Cores 1.2 GHz		
Software	CODESYS V3 Runtime with TargetVisu, WebVisu, SoftMotion Light		
RAM	1 GB DDR4		
Drives	4 GB eMMC Speicher, 2 Mbyte NOR Flash, µSD Slot		
Interfaces	2x 10/100/1000 Mbit Ethernet, 1 x RS-232, 2 x USB 2.0 host, max. 500 mA		
Fieldbus	CODESYS V3 Runtime with TargetVisu, WebVisu, SoftMotion Light		
Front panel	Safety glass seamlessly framed in an aluminium frame, fastening elements, mounting in portrait or landscape format, IP 65,		
Operation temperature	0 °C...+55 °C		
Power supply	24 VDC / (± 20 %)		
Approvals	CE Industrial, NRTL in preparation		

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