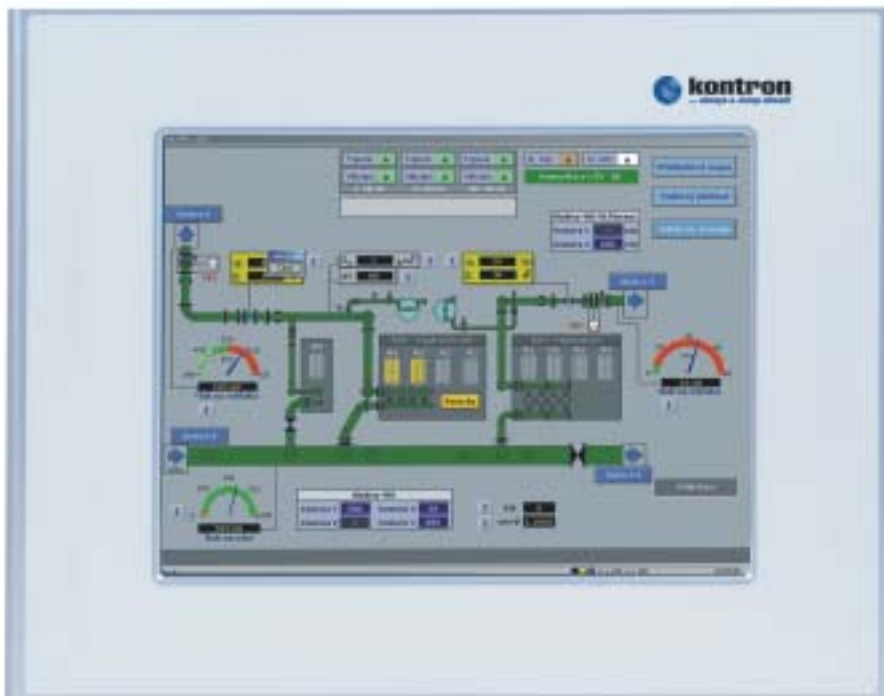


► Touch Panels

For toughest industrial requirements



- Various display sizes: 10.4" / 12.1" / 15"
- Certified and specially designed for industrial applications
- Precise images for your HMI

► Product Overview

The HMI Touch Panel product line with its various display sizes from 10.4" to 15" is 100% industry capable and satisfies the toughest industrial requirements with regard to shock, vibration and temperature resistance.

A further requirement in the industrial area is Electromagnetic Compatibility (EMC) and related norms and directives concerning radiation and emissions; these are all fulfilled by Kontron's HMI Touch Panels.

► Technical Information

Features	Touch Panel 104	Touch Panel 121	Touch Panel 150
Display	10.4" TFT	12.1" TFT	15.0" TFT
Resolution	800x600	800x600	1024x768
Brightness	230cd/m ²	400cd/m ²	350cd/m ²
Touch Screen	Resistive analog		
Dimensions (HxWxD)	252x325x48mm	327x400x48mm	362x452x68mm
Interfaces	DVI, USB	DVI / VGA, USB	DVI, USB
I/Os		USB frontside optional	
Power Supply	24 VDC		
EMC	US:FCC47 CFR PART15; Class A level CE:EN61000-6-2; EN55022/A (CISPR22)		
Certifications	CE		
Protection Class	IP65 front (NEMA 250 Type 12 and 13)		
Altitude	Operating: 10000 ft (3.048m); Storage: 15000 ft (4.622m)		
Shock DIN EN 60068-2-27	Operating: 15 g 11 ms duration / Storage: 30G, 11ms duration (half-sinus)		
Vibration DIN EN 60068-2-6	Operating: 10-500 Hz: 1G/3 axis / Storage: 10-500 Hz: 2G/3 axis		
Temperature / Humidity	Operating: 0° C to +50° / 20 to 85% non condensing Storage: -20° C to +60° / 5 to 95% non condensing		
MTBF	> 40000 h*		
RoHS compliant	yes		

*excluding the Backlight Tube

► Corporate Offices

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