

คุณสมบัติ

HMI

- จอแสดงผลขนาด 2.4 นิ้ว
- จอแสดงผลชนิดขาว/ดำ + LED Backlight
- แสดงผลในรูปแบบกราฟเส้นได้
- IP66/65/NEMA4X

PLC

- สามารถใช้งานร่วมกับ Snap-in I/O ได้
- I/O options include high - speed, temperature & weight measurement
- Auto-tune PID, up to 24 independent loops
- Micro SD card-log, backup, clone & more
- สามารถสื่อสารแบบ RS232/485, Ethernet, CANBUS และ USB ได้



Vision 130-J



Vision 130

ข้อมูลทางเทคนิค

More power & speed in this palm-size PLC with built-in Graphic LCD display, keypad, & onboard I/Os (expandable up to 256)

Article Number										
Classic Panel	V130-33-B1	V130-33-TR20	V130-33-R34	V130-33-TR34	V130-33-TR6	V130-33-RA22	V130-33-TRA22	V130-33-T2	V130-33-T38	V130-33-TA24
Flat Panel	V130-J-B1	V130-J-TR20	V130-J-R34	V130-J-TR34	V130-J-TR6	V130-J-RA22	V130-J-TRA22	V130-J-T2	V130-J-T38	V130-J-TA24
No onboard I/Os		10 Digital 2 D/A Inputs ¹ 6 Relay Outputs 2 High-speed Transistor Outputs	20 Digital 2 D/A Inputs ¹ 12 Relay Outputs	20 Digital 2 D/A Inputs ¹ 8 Relay 4 High speed Transistor Outputs	6 Digital, 2 D/A 4 Analog Inputs ¹ 6 Relay Outputs 2 High-speed Transistor Outputs	8 Digital 2 D/A, 2 PT100/TC/ Digital ¹ Inputs 8 Relay 2 Analog Outputs	8 Digital, 2 D/A 2 PT100/TC/ Digital ¹ Inputs 4 Relay, 2 Analog 4 High-speed Transistor Outputs	10 Digital 2 D/A Inputs ¹ 12 Transistor Outputs	20 Digital 2 D/A Inputs ¹ 16 Transistor Outputs	8 Digital 2 D/A, 2 PT100/ TC/Digital ¹ Inputs 10 Transistor 2 Analog Outputs
Digital pnp/npn		12	22	22	8	12	12	12	22	12
HSC/Shaft-Encoder/ Max. Freq. Measure ^{2&3}		3 200kHz ⁴ 32-bit	3 30kHz 32-bit	3 200kHz ⁴ 32-bit	1 200kHz ⁴ 32-bit	1 30kHz 32-bit	1 200kHz ⁴ 32-bit	3 30kHz 32-bit	2 30kHz 32-bit	1 30kHz 32-bit
Analog	None	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA 4-20mA	2 10-bit, 0-10V 0-20mA, 4-20mA and 4 10-bit, 0-20mA 4-20mA	2 14-bit 0-10V, 0-20mA 4-20mA	2 (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA 4-20mA and as 2 PT100/TC	2 10-bit 0-10V 0-20mA 4-20mA	2 10-bit 0-10V, 0-20mA 4-20mA	2 (2 modes) Normal: 14-bit Fast: 12-bit 0-10V, 0-20mA, 4-20mA and as 2 PT100/TC
Temperature Measurement		None	None	None	None	and as 2 PT100/TC	and as 2 PT100/TC	None	None	and as 2 PT100/TC
Outputs										
Digital		6 relay	12 relay	8 relay	6 relay	8 relay	4 relay	12 pnp	16 pnp	10 pnp
High-Speed Outputs/PWM		2 npn (2 PTO) 200kHz max	None	4 npn (3 PTO) 200kHz max	2 npn (2 PTO) 200kHz max	None	2 npn (2 PTO) 200kHz max	7 0.5kHz	7 0.5kHz	5 0.5kHz
Analog		None	None	None	None	2 12-bit 0-10V, 4-20mA	2 12-bit 0-10V, 4-20mA	None	None	2 12-bit 0-10V, 4-20mA
I/O Expansion	Local or Remote I/Os may be added via expansion port or via CANbus									
Program										
Application Memory	Application Logic: 512K • Images: 256K • Fonts: 128K									
Scan Time	20µ sec per 1K of typical application									
Memory Operands	4096 coils, 2048 registers, 256 long integers (32-bit), 64 double words (32-bit unsigned), 24 floats, 192 timers (32-bit), 24 counters Additional non-retainable operands: 1024 X-bits, 512 X-integers, 256 X-long integers, 64 X-double words									

ข้อมูลทางเทคนิค (ต่อ)

Article Number										
Classic Panel	V130-33-B1	V130-33-TR20	V130-33-R34	V130-33-TR34	V130-33-TR6	V130-33-RA22	V130-33-TRA22	V130-33-T2	V130-33-T38	V130-33-TA24
New Flat Panel	V130-J-B1	V130-J-TR20	V130-J-R34	V130-J-TR34	V130-J-TR6	V130-J-RA22	V130-J-TRA22	V130-J-T2	V130-J-T38	V130-J-TA24
Program										
Data Tables	120K dynamic RAM data (recipe parameters, datalogs, etc.), up to 256K Flash data									
SD Card (Micro)	Store datalogs, Alarm History, Data Tables, Trend data, export to Excel • Back up Ladder, HMI & OS, clone PLCs									
Enhanced Features	Trends: graph any value and display on HMI • Built-in Alarm management system • String Library: instantly switch HMI language									
Operator Panel										
Type	Graphic STN LCD, white LED backlight									
Display	Resolution: 128 x 64 pixels • Size: 2.4"									
Keys	20, including 10 user labeled keys (slide kit sold separately)									
General										
Power Supply	24VDC, except for V130-33-B1, which is 12/24VDC									
Battery	7 years typical at 77°F; battery back-up for all memory sections and RTC									
Environment	NEMA4X/IP66/IP65 (when panel mounted)									
Clock	Real-time clock functions (date and time)									

คุณสมบัติพิเศษ

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| <input type="checkbox"/> Color Display | <input checked="" type="checkbox"/> Web Server | <input checked="" type="checkbox"/> Remote Expansion** |
| <input type="checkbox"/> Touch Screen | <input checked="" type="checkbox"/> Send e-mail | <input type="checkbox"/> Audio Player |
| <input checked="" type="checkbox"/> HMI Graph | <input type="checkbox"/> VNC connect to Smart Phone or PC | <input checked="" type="checkbox"/> Auto-tune PID |
| <input checked="" type="checkbox"/> Multi Language | <input checked="" type="checkbox"/> CANbus | <input checked="" type="checkbox"/> Data Logging & Trend |
| <input checked="" type="checkbox"/> Keypad | <input checked="" type="checkbox"/> MODBUS | <input checked="" type="checkbox"/> Data Table |
| <input type="checkbox"/> Alarm History | <input checked="" type="checkbox"/> SMS | <input checked="" type="checkbox"/> Remote Access |
| <input checked="" type="checkbox"/> SD Card | <input type="checkbox"/> Snap-in I/O | * Option Card |
| <input checked="" type="checkbox"/> TCP/IP* | <input checked="" type="checkbox"/> Expansion | * Option Card CANBUS |
| <input type="checkbox"/> USB | | |