

720i Programmable HMI Indicator/Controller



Panel Mount
(CPU Enclosure Not Shown)



Universal



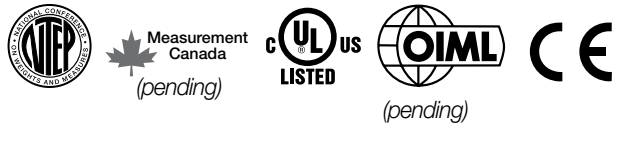
Standard Features

- LCD display size: panel mount (3.8" x 1.2") universal (5.3" x 1.5")
- Four soft keys
- Truck in/out, 1,000-ID memory
- Process control engine - define conditions and actions
- Data storage onboard, user-defined
- (8) Digital I/O (expandable)
- One option slot for pluggable options
- (20) Auxiliary print formats
- Time & date
- Audit trail tracking and alibi storage
- Peak hold
- Rate of change
- Multi-range/interval
- Local/remote

Functionality:

- Two full duplex serial ports
- One PC style keyboard port
- Header for fiber optic, Ethernet or USB

Approvals



Specifications

POWER:

Line voltages: 115 or 230 VAC,
Frequency: 50 or 60 Hz
Power consumption: 25 watts maximum

EXCITATION VOLTAGE:

10 VDC,
16 x 350Ω or 32 x 700Ω load cells

ANALOG SIGNAL INPUT RANGE:

-10 mV to +45 mV

ANALOG SIGNAL SENSITIVITY:

0.3 μV/graduation minimum @ 7.5 Hz
1.0 μV/graduation typical @ 120 Hz
4.0 μV/graduation typical @ 960 Hz

A/D SAMPLE RATE:

7.5 to 960 Hz, software selectable

RESOLUTION:

Internal resolution:
8 million counts/8,000,000 23 bit
Weight display resolution:
9,999,999

SYSTEM LINEARITY:

± 0.01% full scale

DIGITAL I/O:

Eight channels on CPU board;
optional 24-channel I/O expansion boards available

CIRCUIT PROTECTION:

RFI, EMI, ESD protection

SERIAL PORTS:

Two ports on CPU board support up to 115,200 bps; optional dual-channel serial expansion boards available

Port 2: Full duplex RS-232 with handshaking

Port 4: Full duplex RS-232, 20 mA output

External keyboard port

OPTIONAL COMMUNICATION:

Ethernet TCP/IP
RS-485-4 wire
Fiber optic
USB

DISPLAY:

Viewable area:
Panel mount 3.8" x 1.2" (96 x 30 mm)
Universal 5.3" x 1.5" (133 x 39 mm)
240 x 64 pixel, VGA Liquid Crystal Display (LCD) module with adjustable contrast

KEYBOARD:

10-key (panel mount) membrane panel,
22-key (universal mount) membrane panel tactile feel,
720i will support an external keyboard connection

OPERATING TEMPERATURE:

Legal: 14°F to 104°F
(-10°C to +40°C)
Industrial: 14°F to 122°F
(-10°C to +50°C)

DIMENSIONS:

Universal: 10.5" W x 7.5" H x 3.4"
Panel Mount Display: 7.6" x 3.9" x 1.5"
CPU: 6" x 11" x 2.2"

WEIGHT:

Universal enclosure: 9.5 lb (4.3 kg)
Panel Mount enclosure: 8.5 lb (3.9 kg)

RATING/MATERIAL:

NEMA 4X/IP66, stainless steel

APPROVALS: (PENDING)

NTEP - certified at 10,000 divisions, Class III/III
Measurement Canada-10,000 divisions, Class III/IIIHD
OIML-6,000/10,000 divisions
CE marked
UL /CUL listed (universal)
UL recognized (panel mount)
ROHS compliant

WARRANTY:

Two-year limited warranty