

OT50

Rugged, Industrial Handheld Terminal



OT50 with RAFI E-stop & Protective Boot

Perfect for Motion Control Applications

The new OT50 handheld terminal with an all new architecture is built to address those demanding applications required to meet today's challenges. Packaged in a low profile Lexan® case, the OT50 has become the proven teach pendant of choice by many users. Offered now in a variety of options to meet users needs.

Rugged Features Include:

New H8/300H Hitachi CPU with 32-bit Architecture

Now Built-in Surge Protection

34-Key Membrane and up to 66-Key Elastomeric Keypads

Rugged Lexan® Case

Factory Set Options

- EL/LED/FO Backlight Display/Keypad
- Keyboard LED Indicators
- Interface Cable Configuration
- Custom Logo Graphics
- Custom Keypad Graphics
- Custom Serial Number Label
- Custom Optional Label
- Wide Range Power VFD 4x20 Display

Extensive Options

- Several Types & Makes of Emergency-Stop Switches
- Live Man Switches
- Water Resistant
- Custom Software and Default Settings
- Custom Cabling Including Length, Type and Vendor Preferred Connector

Accessories

- Carrying Case
- Rubber Protective Boot
- Mounting Bracket Hanging Clip



OT50 with Elastomeric & Membrane Keypads



Custom Options

OT50

Standard & Optional Features	Specifications
<p>Display</p> <p>4x20 STN LCD <input checked="" type="checkbox"/></p> <p>8x26 STN LCD <input type="checkbox"/></p> <p>EL Backlight <input type="checkbox"/></p> <p>Keypad</p> <p>34-key Membrane <input checked="" type="checkbox"/></p> <p>55-key Elastomeric <input type="checkbox"/></p> <p>66-key Elastomeric <input type="checkbox"/></p> <p>EL Backlight (membrane only) <input type="checkbox"/></p> <p>Interface</p> <p>RS 232 <input checked="" type="checkbox"/></p> <p>RS 422 <input type="checkbox"/></p> <p>Power</p> <p>+5 Vdc± 5% <input checked="" type="checkbox"/></p> <p>+8 to +28 Vdc <input type="checkbox"/></p> <p>Cable Connector</p> <p>Case Mounted</p> <p>DE-9 <input type="checkbox"/></p> <p>DA-15 <input type="checkbox"/></p> <p>Integral Cable (10 ft., 3m)</p> <p>6-conductor, coiled <input checked="" type="checkbox"/></p> <p>6-conductor, straight <input type="checkbox"/></p> <p>10-conductor, coiled <input type="checkbox"/></p> <p>10-conductor, straight <input type="checkbox"/></p> <p>Cable Connector</p> <p>DE-9P <input type="checkbox"/></p> <p>DB-25P <input type="checkbox"/></p> <p>Custom <input type="checkbox"/></p> <p>Environmental</p> <p>32°F to 122°F (0°C to 50°C) <input checked="" type="checkbox"/></p> <p>4°F to 122°F (-20°C to 70°C) <input type="checkbox"/></p> <p>Moisture Resistance <input type="checkbox"/></p> <p>Other Options</p> <p>E-Stop Switch</p> <p>SPST <input type="checkbox"/></p> <p>DPDT <input type="checkbox"/></p> <p>RAFI <input type="checkbox"/></p> <p>Live Man Switch</p> <p>SPST <input type="checkbox"/></p> <p>DPDT <input type="checkbox"/></p> <p>VFD 4x20 Display <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> Basic Unit</p> <p><input type="checkbox"/> Optional*</p> <p>*Termiflex provides full customization services for OEM customers.</p>	<p>CPU New Hitachi H8/300H CPU with 32-bit internal architecture 16-bit general registers Optimized instruction set designed for speed On-chip flash memory can be added for user programming</p> <p>Display (4x20 STN LCD technology, dot matrix alphanumeric, 5x7 pixel characters, blue, on a light gray background)</p> <p>Optional Size 4x20 STN LCD</p> <p>Character Size 0.187"H x 0.116"W (4.8mm x 3.0mm)</p> <p>User-Defined Characters 3 (4x20 LCD only)</p> <p>Visual Indicators Flashing characters</p> <p>Backlight Yellow LED, optional</p> <p>Keypad (Sealed Membrane or Elastomeric))</p> <p>Number of keys 34 Membrane, 66 Elastomeric</p> <p>Programmable Keys 4, up to 16 characters each</p> <p>Key Legends Catalog, Blank or Custom</p> <p>Response Tactile, Audible, Visual (local echo)</p> <p>Repeat Rate None, Slow, Fast, Make-Break</p> <p>Interface (RS 232 or RS 422)</p> <p>Baud Rate 150 to 19200</p> <p>Parity Even, Odd, Space, Mark, None</p> <p>Word Format 7 or 8 data bits, 1 or 2 stop bits</p> <p>Connector Unit-mounted DE9-S connector</p> <p>Mechanical (Lexan® Case gray or black)</p> <p>Dimensions 8.0" x 4.25" x 1.0" (203.2mmx107.9mmx25.4mm)</p> <p>Weight 12 oz. (340.2g)</p> <p>Environmental</p> <p>Operating Temperature 32°F to 122°F (0°C to 50°C)</p> <p>Extended Range Option -4°F to 158°F (-20°C to 70°C)</p> <p>Storage Temperature -22°F to 176°F (-30°C to 80°C)</p> <p>Humidity 95% noncondensing</p> <p>NEMA Compliance 4/12 when properly mounted</p> <p>Agency Compliance</p> <p>EN55022</p> <p>CENELEC (CISPR 22)</p> <p>FCC Class A, Part 15</p> <p>ROHS Compliant</p> <p>CE Approved</p> <p>Specifications are subject to change without notice.</p>

