

OT30

Rugged, Industrial Handheld Terminal



Rugged, Operator Interface

The new compact OT30 handheld terminal with an all new architecture is built to address those complex applications that are required to meet today's challenges. The new OT30, like all Termiflex terminals, is built to withstand rugged use. The OT30 is engineered to withstand repeated drops to hard surfaces, such as concrete and to resist liquid and other contaminants, without sacrificing ergonomic detail. For protection in extremely harsh environments, Termiflex offers a rubber boot, extended temperature components, conformal coating and additional moisture resistance.

Rugged Features Include:

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

20, 30, 40, or 45-key sealed membrane keypad with tactile and audible response, and optional backlight

42-key elastomeric keypad with tactile and audible response

Lexan® case (chemically resistant, mechanically durable)

Variety of serial communication interfaces, cables, input voltages, and display options available

Built-in power surge protection

Factory Set Options

- White Electroluminescent Backlight Display/Keypad
- Keyboard LED Indicators
- Interface Cable Configuration
- Custom Logo Graphics
- Custom Keypad Graphics
- Custom Serial Number Label
- Custom Optional Label
- Emergency Stop Switch
- Wide Range Power
- VFD 4x20 Display

Extensive Options

- Extended Temperature Operation
- Water Resistance
- EMI/RFI Operation
- Custom Cabling to your Specifications with choice of Vendor Preferred Connectors
- Custom Software and Default Settings

Accessories

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



Military Options



Military Option w/ E-stop



Custom Keypads

OT30

Standard & Optional Features	Specifications
<p>Display</p> <p>4x20 STN LCD <input checked="" type="checkbox"/></p> <p>4x20 VFD <input type="checkbox"/></p> <p>8x26 STN LCD <input type="checkbox"/></p> <p>EL Backlight <input type="checkbox"/></p> <p>Keypad</p> <p>20-key Membrane <input type="checkbox"/></p> <p>30-key Membrane <input checked="" type="checkbox"/></p> <p>40-key Membrane <input type="checkbox"/></p> <p>42-key Elastomeric <input type="checkbox"/></p> <p>45-key Membrane <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>RJ-12 <input checked="" type="checkbox"/></p> <p>DE-9 <input type="checkbox"/></p> <p>DA-15 <input type="checkbox"/></p> <p>Integral Cable (10 ft, 3 m)</p> <p>6-conductor, coiled <input 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>BD-25 <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 158°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 <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 service for OEM customers.</p> <p>Specifications are subject to change without notice.</p>	<p>CPU</p> <p>New Hitachi H8/300H CPU with 32-bit internal architecture</p> <p>16-bit general registers</p> <p>Optimized instruction set designed for speed</p> <p>On-chip flash memory can be added for user programming</p> <p>Display</p> <p>(STN LCD technology, dot matrix alphanumeric, 5x7 pixel characters, blue, on a light gray background)</p> <p>Character Size 4x20; 0.187"H x 0.116"W (4.8mm x 3.0mm)</p> <p>8x26; 0.120"H x 0.086"W (3.0mm x 2.2mm)</p> <p>User-Defined Characters 3 (4x20 Display only)</p> <p>Visual Indicators Flashing characters</p> <p>Backlight White electroluminescent, optional</p> <p>Keypad</p> <p>(Sealed membrane or elastomeric)</p> <p>Number of keys 20, 30, 40 or 45 membrane, 42 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>Backlight White electroluminescent, optional.</p> <p>Memory</p> <p>EEPROM storage for Configuration Parameters</p> <p>Interface</p> <p>(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 modular 6-pin jack, DE-9P or DA-15P connector</p> <p>Cable Optional integral cable up to 20 ft., straight or coiled, 6-conductor (10-conductor with E-stop option), round, shielded, terminating with either stripped-and-tinned ends or a DE-9P (DB-25P with E-Stop option) connector</p> <p>Mechanical</p> <p>(Lexan® case, gray or black)</p> <p>Dimensions 6.41" x 4.3" x 1.0" (162.8mm x 107.5 mm x 25.4 mm)</p> <p>Weight 10 oz (283.5 g)</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 158°F (-30°C to 80°C)</p> <p>Humidity 95% noncondensing</p> <p>Moisture/Dust Resistance Optional</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>Lexan® is a registered trademark of General Electric Corporation.</p>

