ProTerm

hand held terminal

Unit depicted with custom graphics

FEATURES

- Large Display - 8 rows x 24 characters or 16 rows x 32 characters (menu or host-selectable) with graphics capabilities
- Optional E-Stop
- ANSI 3.64 (VT-100) Compatibility
- Keys Programmable as Characters or Strings
- Advanced Control Mode (ACM)
- Programmable Display Characters
- Menu or Host-Driven User Parameter Selection
- Up to 57,600 bps Communications (9,600 bps without handshaking)
- Three (3) Year Warranty

Height: 8.25 inches (209.6 mm)
Width: 4.10 inches (104.1 mm)
Depth: 1.15 inches (29.2 mm)
Weight: 12 ounces (340 grams)
Case: Rugged Cycolac® ABS

Looking for a feature-packed, large screen hand held terminal? The **ProTerm** features a Liquid Crystal Display (LCD) with text and graphics capabilities, contrast control, an optional EL backlight, programmable display characters, and optional host controlled LED indicators (4). The exceptional size and clarity of the LCD makes the ProTerm ideal where long term readability is required. The ProTerm's two menu selectable display modes include 8 rows of 24 characters for the ultimate in readability or 16 rows of 32 characters for maximum display density making this terminal the ideal choice in a wide variety of applications.

The ProTerm is ultra-flexible! Screen viewing angle (contrast), display mode, key output definitions, and character definition features are changeable via menu selections and/or direct host control. The standard key release detection is a particularly useful feature for setting variables and for applications where motion control is essential. Available I/O configurations include RS-232 and RS-422, as well as standard CMOS/LSTTL logic levels. ANSI 3.64 (VT100) compatibility makes it the perfect hand held solution for existing products. For an increased level of safety when controlling a motion-oriented task on a robotic device, the ProTerm's host activated Advanced Control Mode (ACM) allows the host and terminal to monitor one another and react to event changes (host actions are dependent on host software).

Like all Two Technologies' products, the ProTerm is remarkably rugged. The case is molded from Cycolac ABS®, one of the most durable, chemical-resistant materials available today. Securely framed and clamped into place, the keypad surface provides excellent splash resistance and prevents curling or peeling of the keypad overlay. Keypad layouts include 45, 30, and 20 keys available with standard or custom graphics.

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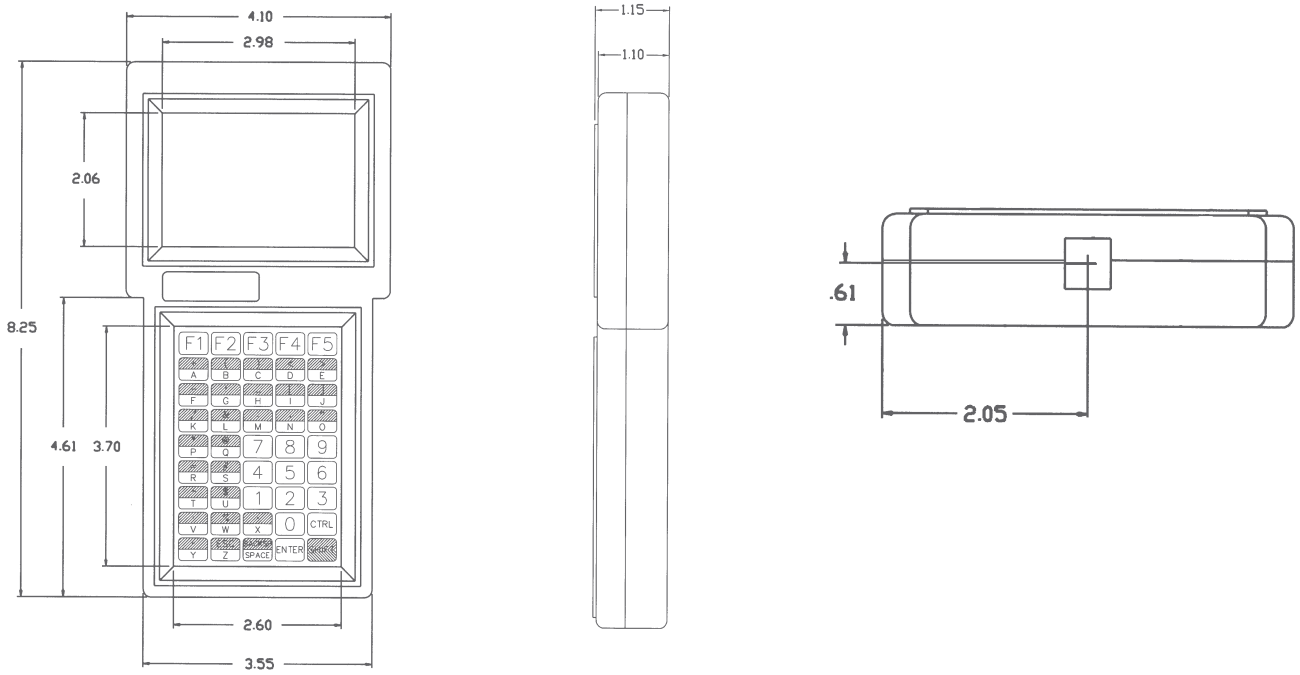
ProTerm Specifications

DISPLAY	• 8 Line x 24 Characters • 16 Line x 32 Character • 192 x 128 Pixel Liquid Crystal Graphical Display • Supertwist Display (standard) • Supertwist Backlit • Extended Temperature Supertwist Backlit FSTN
KEYS & SWITCHES	• Membrane or Elastomeric • Backlit (option) • E-Stop (option) • 45-key (maximum), 30-key, or 20-key • Phosphorescent (option) • LED Indicators • Standard or Custom Layout • Backlit Phosphorescent (option)
INTERFACE	• RS-232, RS-422, CMOS/LSTTL Level • Data rates: 300 - 19,200 and 57,600 bps
POWER	• 5 VDC Regulated +/- 5% • 7.5-12 VDC Linear Regulator* • 9.5-28 VDC Switching Regulator *maximum voltage depends on current draw
ENVIRONMENT	• Storage Temp: - 20° to +70°C • Extended Temp: -20°C to +70°C • Operating Temp: 0° to +50°C • Humidity 5-95% (non-condensing)
USER SELECTABLE OPTIONS	• Baud • Data Bits • Parity • Stop Bits • Display PE • Repeat • Key Click • KNP Function • Cursor • Cursor Blink • XON/XOFF • Handshake • Echo • Escape Mode • CR/LF Mode • Self-Test • Shift Lock • Viewing Angle • Break Commands • Backlight • Scroll on Last Character
CUSTOM OPTIONS	• Default settings • Displays • Keypad graphics • I/O interface • Firmware • Case color • Logo Tag
CERTIFICATIONS*	• FCC-Part 15 Subpart B Class A • CENELEC EMI Standards- EN55022:1998 (CISPR22, Class A), EN55011 (CISPR11, Class A) • CENELEC EMC Standards- EN50082-1:1997 General Immunity Part 1, EN55024:98 (CISPR24:1997) • CENELEC SAFETY Standard EN60950 *standard configuration product used in testing



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