

New! OTCPP

Rugged, Industrial Panel-mount Terminal



Key Features:

Easy Programming in C

Complete List of Easy to Use Library Functions

Large Memory Capacity

FLASH: up to 512K

NVRAM: up to 512K

SRAM: up to 512K

Real-Time Clock

Choice of Displays 4 x 20 and 4 x 40 Display Sizes

25 or 30-Key Sealed Membrane Keypad

Unit is Totally Enclosed Metal with Staging Gasket for NEMA 4/12 Rating

Panel Mounts Available in 4 Standard Sizes

Factory Set Options

- EL/LED/FO Backlight Display/Keypad
- LED Indicators
- Interface Cable Configuration
- Custom Logo Graphics
- Custom Keypad Graphics
- Custom Serial Number Label
- Custom Optional Label
- Wide Range Power
- Extended Temperature Operation
- Moisture/Dust Resistance

Library Functions

Included in the OTCPP Programmer's Tool Kit is a toolbox of predefined C routines to assist in quickly developing application code, including high level, easy-to-use functions for:

- Serial Port
- Keypad
- Display
- Real-Time Clock
- Parameter and Data Storage
- Miscellaneous Internal Commands



Accessories

- Programmer's Tool Kit
 - Programmer's Development Manual
 - CD that includes C Library Functions and Product Manual
 - PC to OTCPP Download Cable and AC Power Adapter Port

OTCPP

Operator Terminal OTCPP

Standard and Optional Features

Display

- 4 x 20 STN LCD
- 4 x 20 STN LCD
- LED Backlight
- Indicator LEDs

Keypad

- 30-key Membrane
- 25-key Membrane

Interface

- RS 232
- RS 422
- RS 485
- TTL
- Inverted TTL
- Current Loop

Power

- +5 Vdc± 5%
- +8 to +28 Vdc

Cable Connector

- Case Mounted DE-9P

- Basic Unit
- Optional*

*Termiflex provides full customization service for OEM customers.

Specifications are subject to change without notice.

Specifications

Display (4 x 20 STN LCD technology, dot matrix alphanumeric, 5x7 pixel characters, blue, on a light gray background)

Optional Size 4 x 20 STN LCD
 Character Size 0.187"H x 0.116"W (4.8mm x 3.0mm)
 User-Defined Characters 3
 Visual Indicators Flashing characters
 Backlight Yellow LED, optional

Keypad (Sealed membrane)

Number of keys 25 or 30 membrane
 Programmable Keys 4, up to 16 characters each
 Key Legends Catalog or Custom
 Response Tactile, Audible, Visual (local echo)
 Repeat Rate None, Slow, Fast, Make-Break

Memory FLASH up to 512K
 NVRAM up to 512K
 SRAM up to 512K

Programming

Application Language C
 Processor Renesas
 Library Functions Predefined & Routines
 Serial Port, Keypad, Display, Real-time Clock and Timer, Parameter and Data Storage, plus Misc.

Accessories Programmer's Tool Kit
 C Library Functions, Demonstration Files, and Download Program
 PC to OTCP Download Cable
 Cable for Rechargeable Batteries

Interface (RS 232 or RS 422)

Baud Rate 150 to 19200
 Parity Even, Odd, Space, Mark, None
 Word Format 7 or 8 data bits, 1 or 2 stop bits
 Connector Unit-mounted DE9-S connector

Mechanical (Metal case, black bezel)

CP/2500 6.71"x 4.625"x 1.05" (170.4mm x 117.5mm x 26.7mm)
 CP/2501 3.44"x 7.56"x 1.01" (87.4mm x 192mm x 26.7mm)
 CP/2502 3.78"x 7.56"x 1.05" (96.0mm x 192mm x 26.7mm)

Environmental

Operating Temperature 32°F to 122°F (0°C to 50°C)
 Extended Range Option -4°F to 158°F (-20°C to 70°C)
 Storage Temperature -22°F to 158°F (-30°C to 70°C)
 Humidity 95% noncondensing

Agency Compliance EN55022
 CENELEC (CISPR 22)
 FCC Class A, Part 15
 ROHS Compliant



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