



when reliability is critical™

OEM Industrial Serial (RS-485, RS-422, RS-232) Motion Controller Pricing

CTI manufactures Build to Print (Custom) OEM Industrial Serial (RS-485, RS-422, RS-232) Motion Controller Devices for Original Equipment Manufacturers (OEM's) and System Integrators. The F1020-Nx-Pxxxx Serial Motion Controller has a choice of 10 joystick knobs, NEMA 4 (IP66) sealing industrial switches, and number of other manufacturing options, which provides a tailor made fit for the application.

[Industrial Joystick Knob Options \(pdf\)](#)

OEM Industrial Serial Joystick (RS-485, RS-422, RS-232) manufacturing options:

D – Operating Temperature Range -40°C to +80°C (Standard 0°C to +80°C)

Z – Conformal Coating of PCB (protects components against condensation)

R – Conductive Boot (EMI/RFI Protection)

F – Ferrite Bead (EMI/RFI Protection - used only if joystick is in a metal enclosure)

N – Optical Neutral “Safety Switch (Secondary signal as an Open or Short circuit indicator, typically used in Motion Control Applications where safety is a concern)

G – Maximum Compression Spring (typically used in Mobile Applications to restrict movement due to vibration)

The NEMA 4 (IP66) industrial switches are currently available with 1, 3, or 6 momentary buttons available. These commercial off the shelf (COTS) switches can be tailored with customized legends (graphics), illuminated backlighting or individualized illuminated indicators (e.g. Red, Green, Blue, & White LEDs).

Take a look at our [NEMA 4 \(IP66\) sealing Industrial Switches](#).

Typical Quantity Price Range: \$250-\$400 USD

We are dedicated to your success. Our technical staff offers free consultative advice as to which manufacturing options are the most appropriate for the needs of the application. Take advantage of our 25 years of human machine interface device experience in selecting the right manufacturing options which will ensure the successful implementation of CTI's OEM Industrial Motion Controller serial interface technology in your application.

We encourage you to select a joystick knob, switches, and manufacturing options for the application then call us for our recommendation and a price quote. Optionally, you can use the [inquiry form](#).