

### MR 175

#### Product / Features



- Eliminates Separate Input Axis Card for MPG
- Built-in Enable Switch
- Rugged Ergonomically Designed Housing
- Light-weight Communication Cable
- Easy Serial Interface
- Protocol Error Checking
- Easily Customized Controls including
  - Manual Pulse Generator
  - Up to 2 Rotary Knobs with up to 7 positions
  - Up to 2 Analog Potentiometers
  - Redundantly Supervised Emergency Stop Switch
  - Up to 5 Momentary Buttons

#### Applications



- Operating Machine Tools
- Assembly Lines
- Automated Production Installation
- Robotics
- Troubleshooting
- Maintenance at Point of Operation
- Cranes
- Medical Equipment

**MR 175**
**Specifications**

Electrical Voltage Current	22V to 26V DC 100mA (max)
Serial Interface	RS-422 Full Duplex
Bit Rate	57,400 baud
Manual Pulse Generator	100 pulses / 360° (mechanical step detent)
Data Format	11 byte packet transmission at 60ms max interval
Data Integrity	16 bit Checksum
Temperature Working Storage Temperature	-10° to +60°C -30° to +80°C
Humidity	0% to 85% RH (working temp.)
Sealed	Splash proof to Nema 6 (Occasional short time submersion)
Drop	3 feet on all six surfaces
Cable Jacket Diameter	0.21in
Cable Jacket Material	PUR
Number of conductors	8
Cable length extended	15 feet ±2ft

**Order Key**
**MR175**
**1 1 1**
**Interface:**

- 1 = RS 232
- 2 = RS 485

**Pulses:**

- 1 = 20
- 2 = 50
- 3 = 100

**Cable length:**

- 1 = 1m
- 2 = 2m
- 3 = 4m
- 4 = 8m