M4 B/B
ULTRA COMPACT BANG / BANG
JOYSTICK CONTROLLER

Construction:
The TYPE M4 compact and light weight finger operated joystick controller features a glass-filled Zytel housing and non-ferrous components making it suitable for corrosive and hostile environments.

1 & 2 Axis control is available as well a handle activated auxiliary functions. Separate and simultaneous handle travel is achieved with standard gate patterns.

Application:
For use in radio control systems and portable consoles. For mobile machinery on and off-highway and for in-plant process control.

Features:
- Ultra-compact and rugged construction
- Environmentally sealed mounting and corrosion resistant components
- Light weight, ultra-strong Zytel housing
- Non-biasing smooth operation with high life compression style spring return
- Single and dual axis operation
- High life V series snap action switches
- 1 N.O. – 1 N.C. each direction

Options:
- Sealed push-button
- Mechanical interlock for non-simultaneous operation
- Cross gate
M4 ORDERING INFORMATION

Drive Arrangement: Single axis and double axis
Basic Assembly: 2.0" [52 mm] Shaft length and boot supplied standard
Handle: 0.8" [20 mm] dia. Round ball
Handle Action: Spring return
Output: Bang / Bang
Output Devices: 11A Snap action switch

M4 TECHNICAL DATA

Mechanical:
- Mechanical Life: 20 million cycles
- Handle Deflection: ±15°
- Gear Ratio: Direct drive
- Mounting Footprint: 1.9" [49mm] x 1.9" [49mm]
- Mounting Footprint: 2.7" [69mm] x 2.7" [69mm] (under panel - not including quick connect terminals)

Environmental:
- Operating Temperature: -25 to +70°C
- Storage temperature: -40 to +70°C
- Degree of protection above the panel: IP54

Electrical:
- Contacts: 11A 125, 250 VAC Form C V series snap action switch with .187" quick connect tab
- Push button (Optional): Sealed push button, momentary, 1 N.O., 2 A @ 24VDC

Options:
- Handle: Tapered, 2 piece, push button and Mechanical Interlock
- Gates: Cross gate

Please consult factory for other available options not listed.