

# **NEW** **ELECTRIC ACTUATOR**

Wirelessly control one of your hand levers with this system powered by a two function Lodar and electric actuator by Actus. Just a 12V power source and ground are needed for installation!



**EASIEST INSTALLATION ON THE MARKET**

**BUILT-IN CLUTCH FOR ADDED SAFETY**

**NO AIR REQUIRED**



## LODAR STANDARD TRANSMITTER

### SPECIFICATIONS

- Switch - tactile dome
- Battery - 9V Alkaline Manganese
- Amps - 20 milliamps operating

### PROTECTION

- Reverse polarity - protected
- IP rating - 55
- Conformal coating - no
- Registration codes - over 16 million

### PERFORMANCE

- Temp range - 13F to 104F
- Operational range - 200 ft.
- Transmitted power - 1mW typical

### COMPLIANCE

- EMC - Exceeds ETSI 300 220
- Modulation - FM
- Frequencies - 418 MHz F1D
- No Conformal Coating
- Over 16 million registration codes
- STOP Connection

## LODAR RECEIVER SPECIFICATIONS

- Output switching - relay
- Volts - 8 VDC minimum, 40 VDC maximum, 12/24 VDC nominal
- Amps - 5 amps
- Internal antenna - supplied and fitted
- External antenna - available accessory
- Outputs - Master
- Configuration - optional RS 232 programming
- Performance - Simultaneous outputs with programmable interlocks
- Diagnostics - 5 volts LED

### PROTECTION

- ESR Safety
- Reverse Polarity
- Back EMF
- No Conformal Coating
- Over 16 million registration codes
- STOP Connection

### WIRING

- Wiring Loom - 120" supplied and fitted
- Cable Gland - supplied and fitted
- Connections - 60" supplied and fitted with a connector

### ENCLOSURE

- Weight - 0.3 lbs
- Lid - Black PVC
- Base - Black PVC
- Breather - Gortex fitted in base
- Mounting - 4 external lugs
- Fixings - 3/16" not supplied
- IP Rating - IP67 standard

## ACTUS SPECIFICATIONS

- Operating voltage: 10.3 - 16 VDC, 12VDC nominal
- Output Force (Holding) Load: 60-lbf @ 3 amp (267 N)
- Output Force (Dynamic) Load: 150-lbs
- Motor current (at rated load): 2.25 amps
- Motor locked rotor current: 18 amps
- Clutch current: 0.6 amp
- Stroke (max): 2.5 inches
- Maximum no load speed: 1.5 inches/second
- Weight: 3.6-lbs
- Operating Temp Range: -40° F (-40° C) to + 158° F (70° C)
- Cable: 4-wire, 20-gauge, shielded cable, 3 ft long w/ connector
- Construction:
  - Aluminum die cast housing
  - E-coated for corrosion resistance
  - Permanently lubricated metal gear drive
  - Stainless steel output shaft
  - Sealed construction
  - Dust proof and splash proof
  - Industrial grade rod seal
  - 4-start stainless steel screw

## ACTUS ELECTRIC ACTUATOR FEATURES

- Internal clutch system that releases when power or signal is lost, allowing actuator to safely "float" to a pre-set safe position
- Rugged cast aluminum body
- Dustproof and water resistant
- Factory lubricated
- Position repeatable operation to 0.01"
- 2.5 inch maximum stroke, infinitely adjustable
- Four point screw, all gear driven
- No scheduled field maintenance required