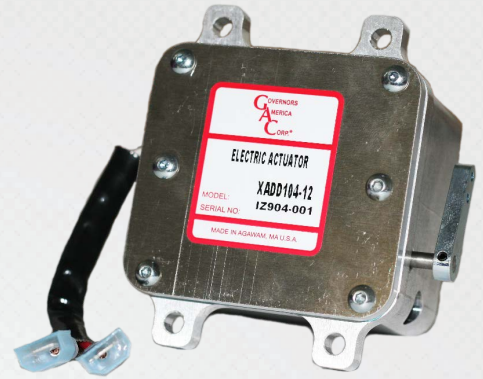


Universal Actuator

ADD104

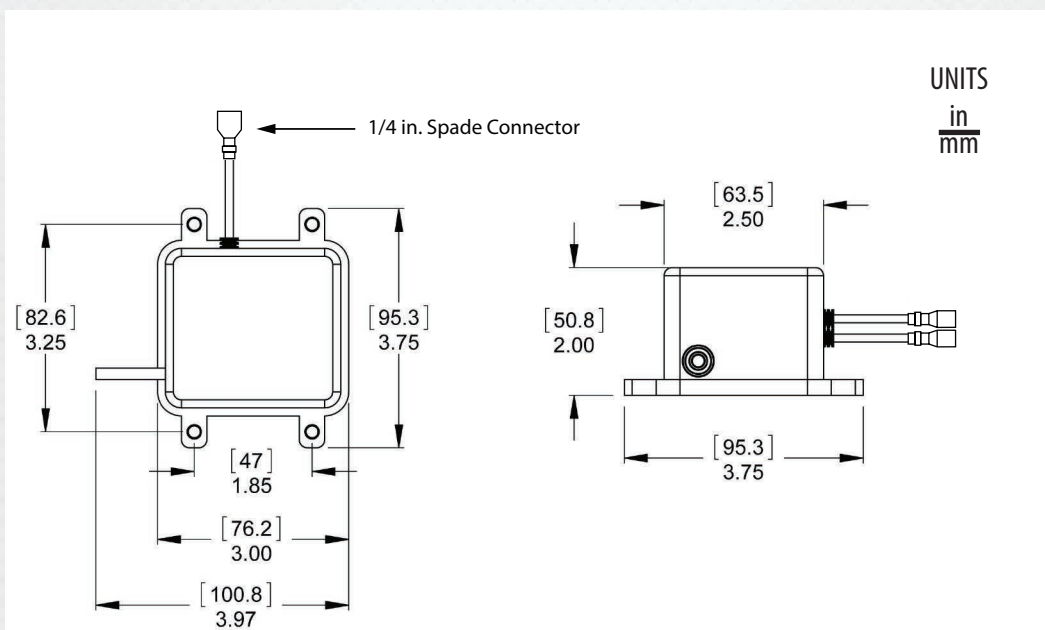
The ADD104 Rotary Actuator is a field-proven proportional actuator designed for universal mounting for a variety of applications. Designed for Briggs and Stratton or Kohler gas or diesel engines. No external linkage or brackets are required to install this actuator. When de-energized, the 104 Series electric actuator returns to the zero position. This is accomplished by an internal spring that returns the throttle body valve to the no-fuel position when the actuator is de-energized.



FEATURES

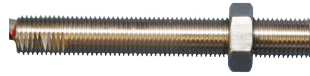
- Small size
- A Low-Cost Universal Actuator
- Easy Installation With Minimal Setup Time
- Proven Electromechanical Design with High Reliability
- Fast Response (<25 msec)
- Environmentally Sealed, All Metal Design
- Increased Operational Integrity and Security
- Designed for Small Gaseous and Diesel Engines

DIMENSIONS



ACCESSORIES

Magnetic Speed Pickup



MSP6729 2.5" / 6' Shielded Cable

SPECIFICATIONS

Performance

Operating Stroke	35°
Torque	0.3 lb-ft (0.4 N-m)
Response Time	25 msec

Electrical

Operating Voltage	12 VDC
Normal Operating Current	1.9 A at 12 VDC
Maximum Current-Continuously Rated	2.7 A at 12 VDC

Environmental

Operating Temperature Range	-40° F to +250° F (-40° C to +121° C)
Relative Humidity	up to 100%
Vibration	20 G @ 50 - 500Hz
Shock	20 G, 11 msec

Mating Hardware

Mounting Hardware and Lever Assembly	Included
Mating Connector	1/4" Faston Terminals (Female)

Physical

Dimensions	See Above
Weight	1.2 lb (0.54 kg)
Mounting	Bracket Mount

Reliability

Testing	100%
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OPTIONS

ESD2402

Analog Speed Control



- Idle Speed Adjustment
- Light Force
- Isochronous Operation
- Hard Potted

ECC328

Analog Speed Control



- Genset Only/Max 260 VAC
- Isochronous Operation
- Lower System Cost
- No Magnetic Speed Pick-Up Required

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