

FlowScanner™ Travel Transducer Mounting Kit for Piston and Universal

The FlowScanner Travel Transducer Mounting Kit for Piston and Universal (PIST) valve assemblies is used to securely place the travel transducer in order to accurately measure valve travel for a diagnostic test. This connection apparatus connects to the actuator's cylinder or yoke temporarily and provides an adjustable means to affix the FlowScanner Linear Travel Transducer.

The FlowScanner Travel Transducer PIST Mounting Kit is designed to reduce diagnostic testing hook-up time on actuators that don't have a typical design. By utilizing a fabric strap, this mounting kit is secured to round, cylindrical objects that otherwise have no connecting options. Valve travel is a vital characteristic to all control valves and accurate measurement of valve travel is significantly important during diagnostic testing. The PIST Mounting Kit will improve the measurement of travel and the resulting diagnostic testing.

Features

- **Ease of use**—Simple bracketry used with a ratcheting fabric strap to hold bracket in place. Same applies to connecting the modified locking wrench to the valve stem or feedback arm.
- **Versatility**—Universal design focused at mounting to cylindrical objects allows for use in many different and difficult applications. The U bracket and the connecting bracket assembly can be mounted in both horizontal or vertical positions, independent of each other.
- **Adjustability**—Multiple holes drilled to allow multiple configurations of the mounting location based on the actuator's design. The ratcheting fabric strap can be used on a wide range of objects with differing sizes or diameters.
- **Sturdy Mounting**—The combination of the ratcheting fabric strap and the thick aluminum U bracket creates a solid foundation and mounting location for the travel transducer.



X1338

Figure 1. PIST Mounting Kit



X1340

Available Configurations

PIST Mounting Kit: P/N GE81019X012

Mechanical Specifications

Construction: Aluminum, Stainless Steel, Polyester

Strap Load Limit: 500 lbs

Strap Length: 15 feet

Clamping Diameter Range: 5 inches to 4 feet

Connecting Bracket Length: 10 inches

Modified Locking Wrench Length: 19 inches

Hole Pattern: 2.25 inches apart

Compatible Actuators

Fisher™ 585C, sizes 50 to 130

Fisher 470, sizes 68 to 130

Fisher 657, sizes 80 and 100

Fisher 667, sizes 80 and 100

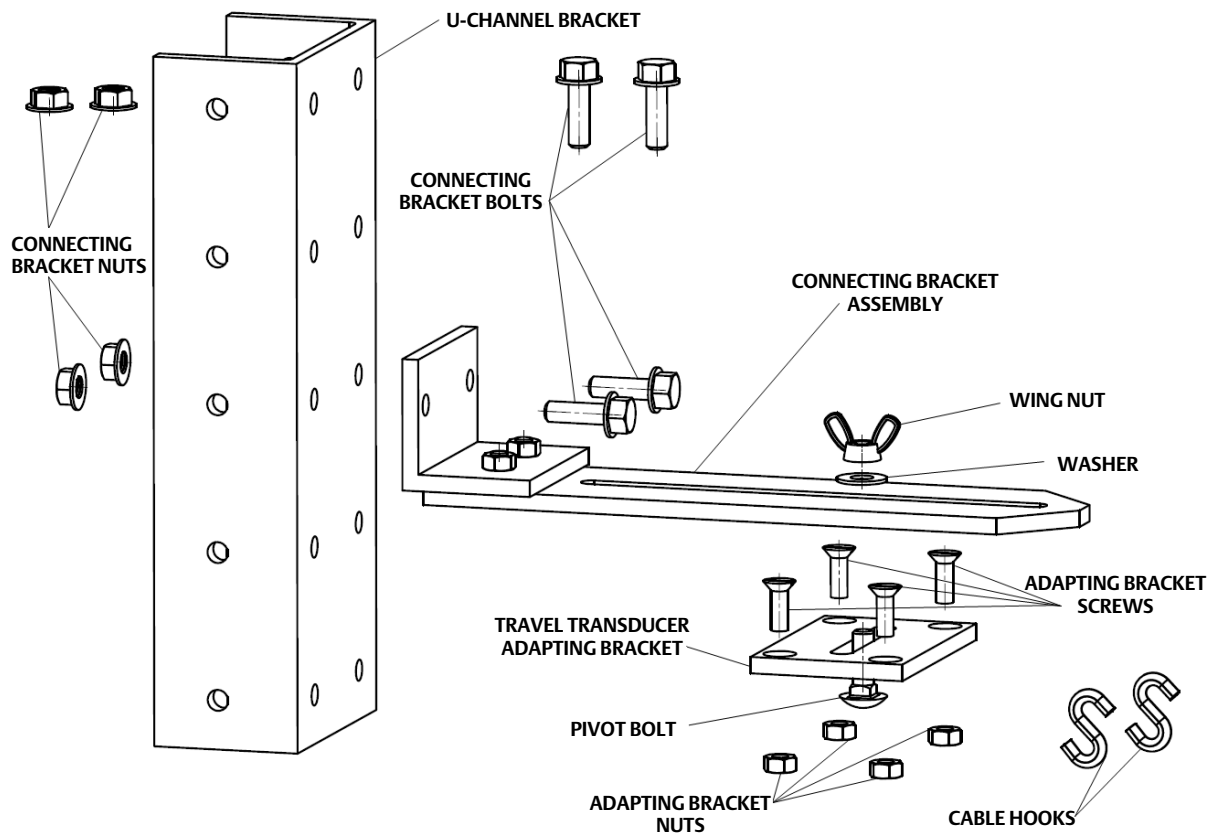
Fisher 685, sizes 10 to 28

Many other piston actuators.

Parts Included

Qty	Description	Qty	Description
1	U-Channel Bracket	1	Travel Transducer Adapting Bracket
1	Connecting Bracket Assembly	4	Adapting Bracket Screws
1	Ratcheting Strap	4	Adapting Bracket Nuts
4	Connecting Bracket Bolts	1	Pivot Bolt
4	Connecting Bracket Nuts	1	Washer
1	Modified Locking Wrench	1	Wing Nut
		2	Cable Hook

Figure 2. CAD Drawing



Not Shown:
Ratcheting Strap
Modified Locking Wrench

Product Bulletin

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FlowScanner Piston Mounting Kit

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Emerson Automation Solutions
Marshalltown, Iowa 50158 USA
Sorocaba, 18087 Brazil
Cernay, 68700 France
Dubai, United Arab Emirates
Singapore 128461 Singapore

www.Fisher.com

