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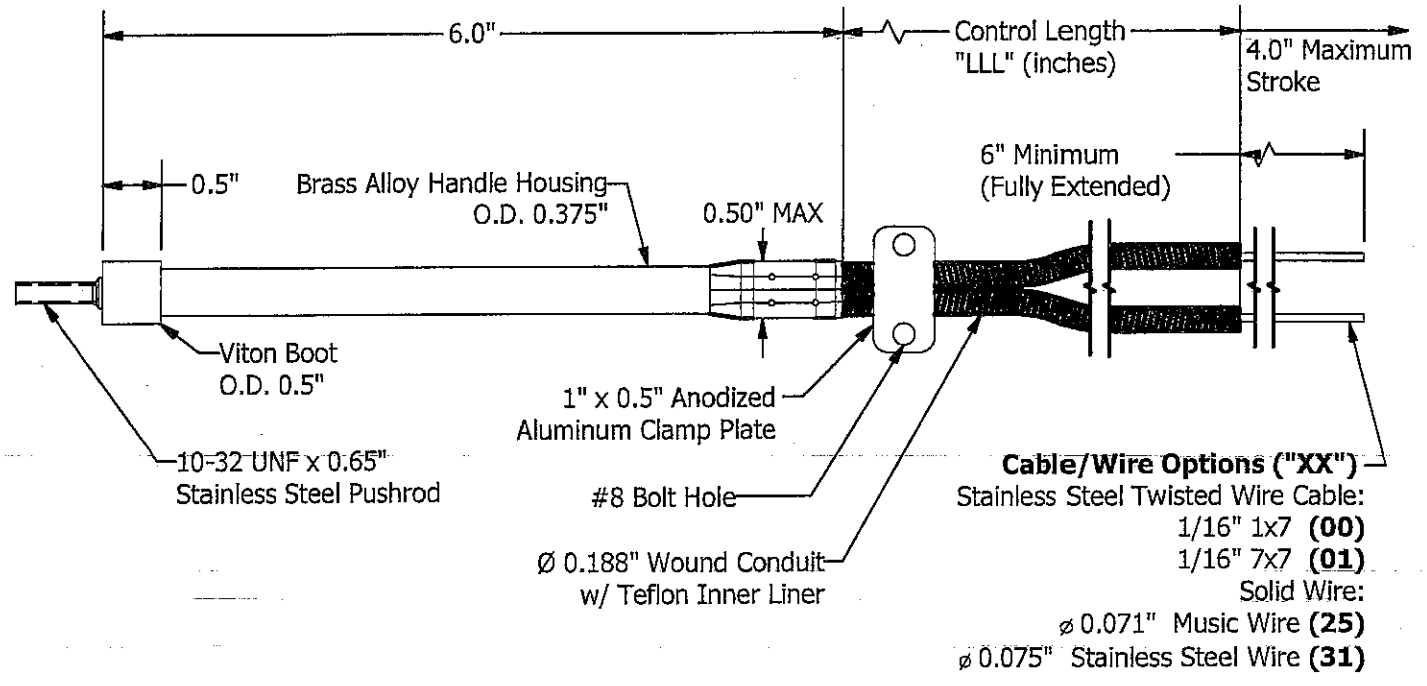
REVISION



DENOTES REVISION

~	2/10/2010	ORIGINAL
A	4/27/10	STROKE LENGTH CHANGED TO 4.00"
B	5/28/10	STROKE TO MAXIMUM, THREAD TYPE CHANGE

P/N: MCQ1XXDLLL Series
Dual Quadrant Throttle Controls



- Cable/Wire Options ("XX")**
- Stainless Steel Twisted Wire Cable:
 - 1/16" 1x7 (00)
 - 1/16" 7x7 (01)
 - Solid Wire:
 - ø 0.071" Music Wire (25)
 - ø 0.075" Stainless Steel Wire (31)

Specifications:

Part Numbers MCQ1XXDLLL where:
 "XX" = cable/wire type option as shown
 "LLL" = part length as shown

Travel (stroke): 4.0" maximum

Design Work Loads:

- Push:** 10 lbs maximum*
- Pull:** 25 lbs maximum

Operating Temp: -65° to 450° F

Additional Hardware (not shown):

- 2 ea. Slip Fit Conduit Terminals Thread: M6x1-6g x 1.00"
- 2 ea. Brass alloy adjustable cable stops with set screws

* Push loads apply to controls with solid wire only and depend on wire diameter, length of trimmed wire (unsupported by conduit), geometry of the wire rigging, and the actuator configuration.

Project Engineer: <i>[Signature]</i>	Engineering Manager: <i>[Signature]</i>	Quality Manager: <i>[Signature]</i>	Manufacturing Manager: <i>[Signature]</i>
Date: 5/28/10	Date: 6/1/10	Date: 6-1-10	Date: 6-1-10

McFarlane McFarlane Aviation, Inc.
696 East 1700 Road
Baldwin City, Kansas 66006

Title: **McFarlane Dual Quadrant Controls**

Size: A Scale: NA Drawn: BWM Sheet: 1 of 1

Part Number: 6442 Drawing Number: 6442 REVISION: **B**