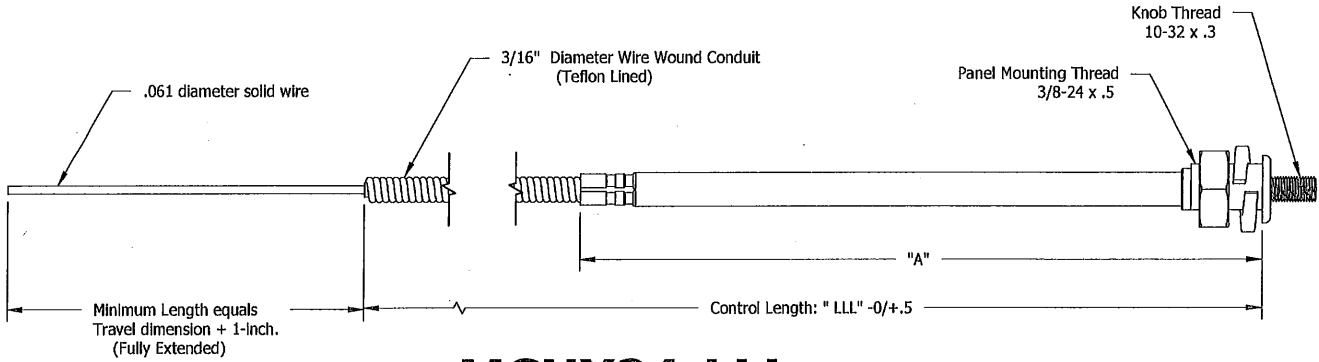


REVISION

DENOTES REVISION

~	8/3/2010	ORIGINAL
A	9/13/10	Added MCU224



MCUX24-LLL

Base Part Number — Length of control in inches
 Wire Size — Travel Code
 24 = .061

Panel Fitting Lengths		
Travel Code	Maximum Travel	Dimension "A"
-	3.75	4.91
B	2.50	3.45
C	3.00	4.10
D	2.75	3.89

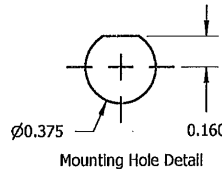
McFarlane Aviation MCU124 and MCU224 Series Universal Light Weight Push-Pull Controls

General Description

MCU124 and MCU224 series push-pull controls are universal controls suitable for use in non-certified aircraft applications such as cabin heat, cabin air & defrost.

General Specifications

- Keyed shaft prevents rotation and maintains knob alignment.
- Key is indexed to mounting hole flat ensuring consistency in production.
- Travel (stroke) dimensions listed are the maximum design travels. *
- Screw Thread for knob attachment: 10-32 x .3
- Screw Thread for instrument panel: 3/8-24 x .5
- Can be mounted in a "D"-hole or round hole. (See Detail)
- Maximum Working Loads:
 - Push: 5lbs **
 - Pull: 10lbs
- Operating temperature range: -65° to 450°F.



Part Number **MCU124-LLL**: Standard Control
 Part Number **MCU224-LLL**: Same as MCU124 with added creep resistant feature (2 - 4.5 lbs resistance when measured straight)

Notes:

- *: Installer must ensure maximum design travel is not exceeded during installation and rigging of the control.
- ** : Maximum push load with 3½' of wire extending from the conduit.
- Note: Push loads depend on wire diameter, length of wire not supported by conduit and geometry of the rigging.

Project Engineer: <i>Tom W. Felber</i>	Engineering Manager: <i>Scott</i>	Quality Manager: <i>Debra J. Powell</i>	Manufacturing Manager: <i>David S. Mink</i>
Date: <i>SEP-15-2010</i>	Date: <i>9/15/10</i>	Date: <i>9-15-10</i>	Date: <i>9-15-10</i>
Third Angle Projection	McFarlane		
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS INCHES DO NOT SCALE FROM DRAWING REMOVE ALL BURRS AND SHARP EDGES () DENOTES REFERENCE ONLY, NOT REQD FOR INSPECTION	McFarlane Aviation, Inc. 696 East 1700 Road Baldwin City, Kansas 66006		
DIMENSION TOLERANCE	Title: MCUX24 Series Universal Light Weight Controls Specifications		
.XXX ±.005 .XX ±.010 .X ±.050 ANGLE ± 3° CONCENTRICITY .005 F.I.M.	Size: A	Drawn: FM	Sheet: 1 of 1
	Part Number:	Drawing Number: 6494	REVISION A