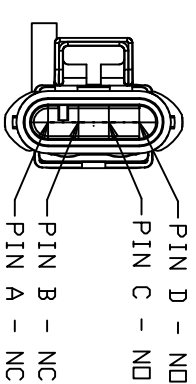
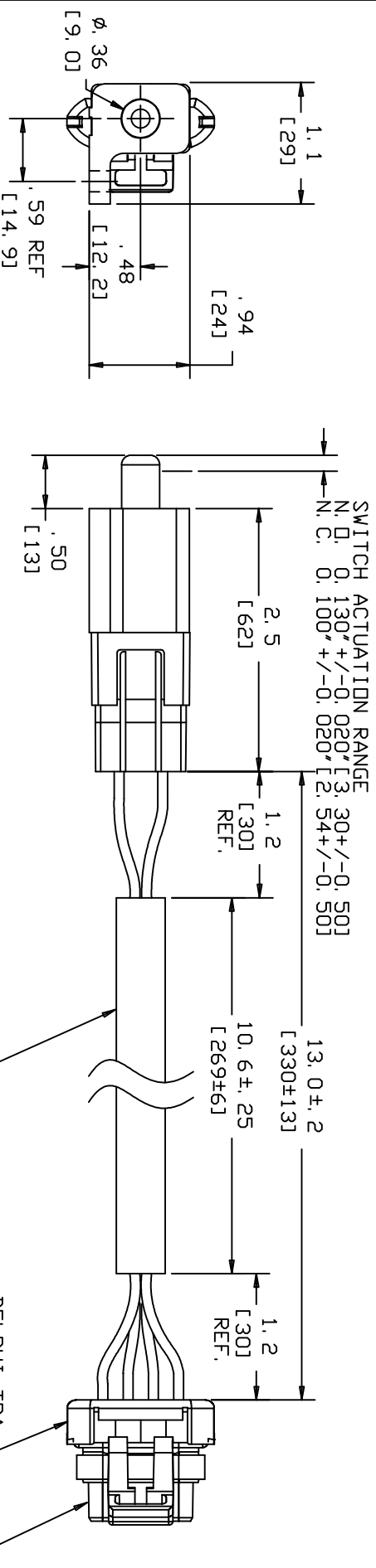
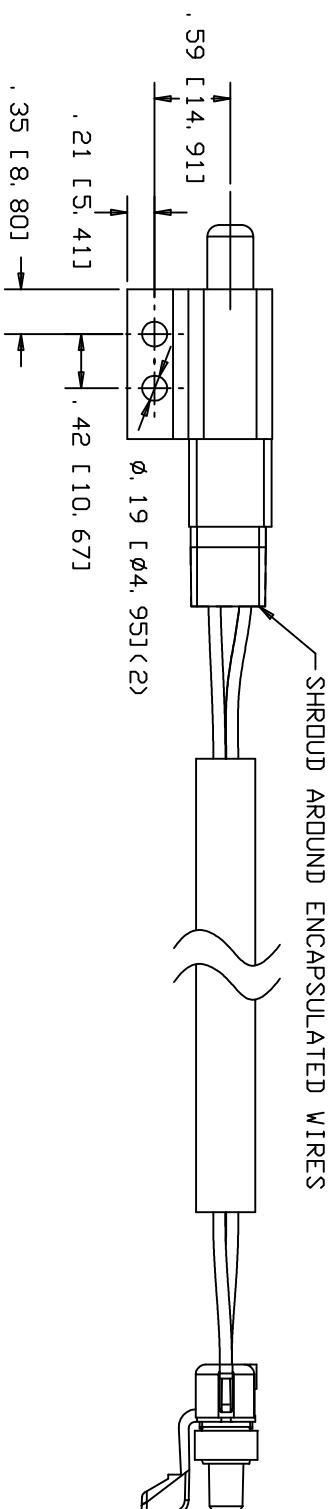


REVISIONS

~	INITIAL RELEASE, CR 1699	09/14/07	MEL
A	DIM WAS 13.0 +/- .5, CR 1717	06/17/08	CAK
	TENSILE WAS 2,800, TEMP RANGE WAS -20 - 105C		



7/16" PVC TUBING, NOT ATTACHED  
 NOM. I.D.: 0.438 [11.11]  
 NOM. WALL: 0.025 [0.64]  
 OPERATING TEMP: -10 TO 105°C  
 TENSILE STRENGTH: 2,500 PSI MIN.  
 FLAMMABILITY: UL SUBJECT 224 VW-1  
 COLOR: BLACK

WIRE SPECIFICATIONS  
 SIZE: 18 AWG  
 STRANDING: 16/30  
 INSULATION: SXL  
 INSULATION D.D.: 0.107"  
 INSULATION THICKNESS: 0.030"  
 TEMPERATURE RATING: 125°C  
 RED-NORMALLY CLOSED  
 BROWN-NORMALLY OPEN

- NOTES:
- 1) DIMENSIONS IN BRACKETS ARE IN MILLIMETERS.
  - 2) PLUNGER SIDE OF SWITCH NOT SEALED. SWITCH PASSES IEC IP55 SPRAY TEST WHEN MOUNTED WITH WIRES POINTED ABOVE HORIZONTAL PLANE AND SUBJECT TO SPRAY FROM WIRE EXIT DIRECTION (SEALED END).
  - 3) REAR OF SWITCH POTTED WITH 2 PART POLYURETHANE ENCAPSULANT, DELTA P/N: 48100. 48100 HAS A TYPICAL CURED HARDNESS OF 80 SHORE A.
  - 4) SWITCH HOUSING IS POLYPROPYLENE. SHROUD MATERIAL IS ABS.
  - 5) ELECTRICAL SPECIFICATIONS  
 LOAD: TYPICAL 3 AMPS @ 12-14 VDC  
 WHEN CONNECTING TO ELECTRONIC DEVICES, A MINIMUM CURRENT OF 15 MA AT 12VDC IS RECOMMENDED. DESIGN FOR A MAXIMUM SWITCH BOUNCE OF 30 MILLISECONDS.

DELTA SYSTEMS, INC. DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE MISAPPLICATION OF ANY PRODUCT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
 .XX40 .05 .XX40 .02 ANGA  
 COMPUTER GENERATED DRAWING - NO MANUAL CHANGES ALLOWED  
 DD NOT SCALE DRAWING

BRN	DATE	<p>DELTA SYSTEMS INC. STREETSBRD, OHIO 44241</p>
MEL	06/28/07	
MA	06/28/07	
MATERIAL		ND/NC PLUNGER SWITCH W/ POTTED WIRES
SEE NOTES		
FINISH		TITLE ND/NC PLUNGER SWITCH W/ POTTED WIRES DWG. NO. 6405-53PW PROJECT NO. EX321 SCALE 1:1 REV A