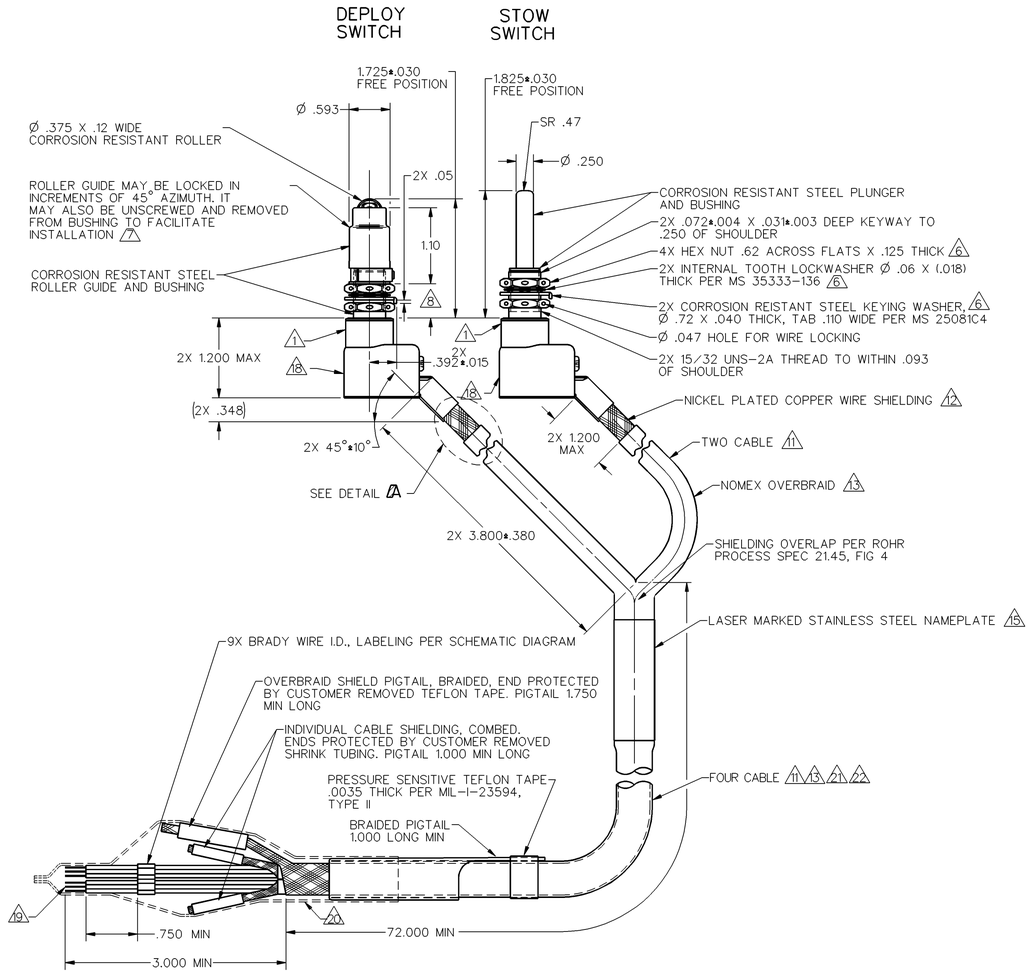
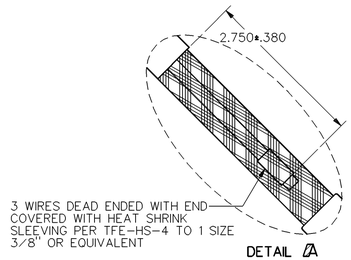
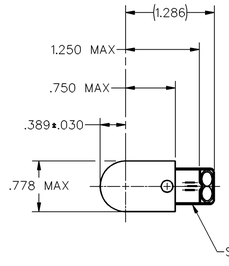
NOTES
1. CORROSION RESISTANT STEEL ENCLOSURE
2. – SWITCH SEALED PER MIL–S–8805, SYMBOL 5
3. – COINCIDENCE OF OPERATING AND RELEASING POINTS TO BE WITHIN .010 OF PLUNGER TRAVEL
4. – REPLACEMENT MOUNTING HARDWARE–PACKET: 19PA9
5. – FOR OPERATION IN TEMPERATURES OF –65°F TO +257°F
6. HARDWARE MAY BE PACKAGED SEPARATELY PER MIL–S–8805 AND ATTACHED TO WIRE HARNESS
7. TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
8. ROLLER GUIDE LOCATION CAN VARY BETWEEN .362 AND .520 WHILE MAINTAINING .125 MIN TRAVEL
9. – REPLACEMENT ROLLER GUIDE AND LOCK RING PACKET: 15PA105
10. – REPLACEMENT LOCK RING PACKET: 15PA107
11. ONE, TWO, OR THREE CONDUCTOR SHIELDED CABLES SHALL BE PER RMS 329–3SJ–20
12. OVERBRAIDED SHIELD TO BE Ø .0060 NICKEL PLATED COPPER WIRE PER QQ–W–343, ASTM–B–355 AND ROHR SPECIFICATION RPS 21.45
13. NOMEX OVERBRAID SHALL BE A 2/2 WEAVE/BRAID OF 10% F.E.P. COATED 1200 DENIER, 600 FILAMENT YARN.
14. – INITIATION AND TERMINATION PATTERN MAY BE REVERSED AT BRAIDING VENDOR'S OPTION, NOMEX BRAID ONLY
15. NAMEPLATE FOR FULL CABLE ASSEMBLY TO INCLUDE "SWITCH AND HARNESS ASSEMBLY––STOW – DEPLOY––38HE13–CA (REF) 266D0329–513––SERIAL NO. XXXX––DATE CODE X–XX AND MICRO SWITCH––91929."
16. – MAXIMUM ELECTRICAL LOAD, 1 AMP RESISTIVE AT 32 VDC
17. SWITCHES ARE TO BE TESTED PER QC 624 015 AND QC 624 016
18. SWITCH IDENTIFICATION SHOWN ON SWITCH SHALL INCLUDE THE FOLLOWING: "XXXHEX ((REF) MICRO SWITCH PART NUMBER) – STOW (OR DEPLOY) SWITCH––DS–XXX (CUSTOMER'S I.D. NUMBER)––CIRCUIT DIAGRAM––MICRO SWITCH––91929."
19. INDIVIDUAL CONDUCTORS TO BE STRIPPED AND TINNED .250 MIN AT FREE END OF CABLE
20. CUSTOMER WIRE TERMINATIONS TO BE PROTECTED FROM DAMAGE BY HEAT SHRINKABLE TUBING EXTENDING FROM 1.000 MIN OVERLAP OF THE NOMEX BRAID TO .500 MIN BEYOND WIRE ENDS. TO BE REMOVED BY CUSTOMER.
21. MAXIMUM ALLOWABLE DIAMETER OF FINISHED CABLE ASSEMBLY TO BE .550
22. CABLE COILED AND SECURED IN 2 PLACES WITH WIRE TIES, Ø 10 IN. MAX
23. INDIVIDUAL CONDUCTORS TERMINATED AS SHOWN AND NOT LABELED

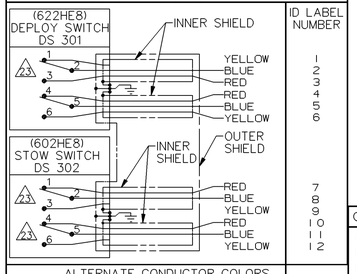




DETAIL A
STOW/DEPLOY SWITCH



SCHEMATIC DIAGRAM



ID LABEL NUMBER
1
2
3
4
5
6
7
8
9
10
11
12

ALTERNATE CONDUCTOR COLORS

RED	WHITE
BLUE	BLUE STRIPE
YELLOW	YELLOW STRIPE

CHARACTERISTICS	
OPERATING FORCE	5 – 12 LB
FULL OVERTRAVEL FORCE	30 LB MAX
RELEASE FORCE	3 LB MIN
PRETRAVEL	.040 MAX
DIFFERENTIAL TRAVEL	.020 MAX
OVERTRAVEL	.125 MIN

ELECTRICAL DATA	
CONTACT ARRANGEMENT	2X S P D T
LOAD	28 VDC
	SEA LEVEL & 50.000 FT
RES	1
IND	.5 17
MOTOR	

REVISIONS
A NR 16/6/91
CHG DWG
B PR–19948 TSM 18MAR92
C ECO 72658 TSM 10JUN92

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DDM/CAD DRAWN TSM 18MAR92 | CHECK DAW 18MAR92 | CHECK

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FED. MFG. CODE 91929
MICRO SWITCH a Honeywell Division

SWITCH – CABLE ASSEMBLY

CATALOG LISTING 38HE13–CA

MASTER REDUCED
ANSI Y14.5M–1982 APPLIES

THIRD ANGLE PROJECTION
SCALE FULL
DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT 1.9 LBS MAX