

404HE13-6

M

DRAWING NUMBER

1

ISSUE

REVISIONS

DDM/CAD

DRAWN

TSM

31 JUL 92

CHECK

CHECK

CHECK

RELEASE NO. PR-20231

REPLACES

MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
404HE13-6

Ø 1.0

72.000 MIN

.375 ± .030

12X NO. 20 WIRE LEAD PER MIL-W-22759/7 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC) PER MIL-W-5088

Ø.250

.072 ± .004 X .038 ± .003 DEEP KEYWAY TO WITHIN .250 OF SHOULDER

1.375 ± .030 FREE POSITION

1.0

1.200 MAX

3X Ø .047 HOLE FOR WIRE LOCKING

MICRO SWITCH
FREEPORT, ILL. U.S.A.

.470

CORROSION RESISTANT STEEL PLUNGER AND BUSHING

2X CORROSION RESISTANT STEEL HEX NUT (MS21340-25) .812 ACROSS FLATS X .125 THICK 5

CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, Ø .87 X (.022) THICK 5

CORROSION RESISTANT STEEL KEYING WASHER, (MS25081C6) Ø .87 X .040 THICK, TAB .110 WIDE 5

5/8-24 UNEF THREAD TO WITHIN .125 OF SHOULDER

.05

SWITCH
ILL. U.S.A.

CIRCUIT DIAGRAM

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CHARACTERISTICS		ELECTRICAL DATA	
OPERATING FORCE — — — — 6-12 LB		CONTACT ARRANGEMENT	
FULL OVERTRAVEL FORCE --- 30 LB MAX		4X S P D T (GOLD CONTACTS)	
RELEASE FORCE — — — — 4 LB MIN			28 VDC
PRETRAVEL — — — — .040 MAX		LOAD	SEA LEVEL AND 100,000 FT
DIFFERENTIAL TRAVEL — — — .020 MAX		RES	1.0
OVERTRAVEL — — — — .250 MIN		IND	0.5

THIRD ANGLE PROJECTION	
SCALE	FULL
DO NOT SCALE PRINT	
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE	
ONE PLACE (.0)	± .030
TWO PLACE (.00)	± .015
THREE PLACE (.000)	± .005
ANGLES	±
WEIGHT	

NOTES

1 - CORROSION RESISTANT STEEL ENCLOSURE

2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 5

3 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAMEPLATE

4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 INCH OF PLUNGER TRAVEL

5 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

ANSI Y14.5M-1982 APPLIES

Mouser Electronics

Authorized Distributor

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