

HONEYWELL

1CH105

See full Datasheet below...

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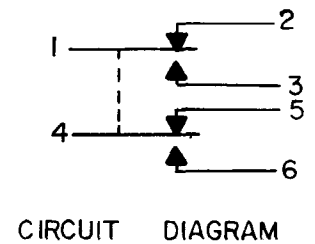
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Technical drawing of a component, likely a connector or probe. The drawing shows a circular top view with a central circular feature. Dimensions are indicated:

- Overall diameter: $\varnothing 1.0$
- Minimum height: 54.000 MIN
- Maximum height: .500 MAX

A callout points to the central feature, stating: 6X 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

Technical drawing of the Micro Switch assembly showing dimensions and features:

- Top mounting hole diameter: $\varnothing .250$
- Distance from base to top of switch body: $1.375 \pm .030$ FREE POSITION
- Distance from base to center of switch body: $1.085 \pm .015$
- Maximum distance from base to top of switch body: 1.000 MAX
- Feature: $\varnothing .047$ HOLE FOR WIRE LOCKING
- Label on switch body: MICRO SWITCH, FREE POINT ILL. U.S.A.

Technical drawing of a mechanical assembly, likely a test fixture, showing a cross-section. The drawing includes dimensions and callouts for various components. The assembly is mounted on a base labeled "TCH USA".

Dimensions and Callouts:

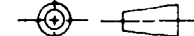
- $.072 \pm .004$ WIDE X $\nabla .038 \pm .003$ KEYWAY TO WITHIN $.250$ OF SHOULDER
- $.470$
- $.05$
- CORROSION RESISTANT STEEL PLUNGER AND BUSHING
- 5/8-24 UNEF THREAD TO WITHIN $.125$ OF SHOULDER
- 2X CORROSION RESISTANT STEEL HEX NUT $.812$ ACROSS FLATS X $.125$ THICK
- CORROSION RESISTANT STEEL INTERNAL TOOTH LOCKWASHER, $\varnothing .87$ X $(.022)$ THICK
- CORROSION RESISTANT STEEL KEYING WASHER, (MS 25081C6) $\varnothing .87$ X $.040$ THICK, TAB $.110$ WIDE

Three triangular callouts containing the number "5" are present, corresponding to the last three items in the list.

REVISONS	
A	PR-8315 G J W 11 DEC 79
B	CO 47573 J M J 25 JUL 80
C	CO 52464 T S K 9 DEC 82
D	CO 55711 WJM 30 AUG 84
E	CO57370 TSK 16 MAY 85
F	CO63259 TSK 15 APR 86
G	CO- 92125 LJK 10CT 97
H	CO- 94005 PPF 11 DEC 98
J	CO- 96029 J J A 9 FEB 00
K	0019628 SK 10MAR 06

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THIRD ANGLE PROJECTION



SCALE FULL

CHARACTERISTICS	
OPERATING FORCE	6-12 LB
FULL OVERTRAVEL FORCE	30 LB MAX
RELEASE FORCE	4 LB MIN
PRETRAVEL	.04 LB MAX
DIFFERENTIAL TRAVEL	.020 MAX
OVERTRAVEL	.230 MIN

ELECTRICAL DATA		
CONTACT ARRANGEMENT		
2X S P D T		
LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
	RES	I
IND	0.5	0.5

TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE Z			
DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/104	
ONE PLACE	X.X	0.47/018	X.X 0.47/03
TWO PLACES	X.XX	0.15/.006	X.XX 0.20/.03
THREE PLACES ANGLES			X.XXX 0.13/.08
SI METRIC		US CUSTOMARY	
			
RAW MATERIAL—CONFORMANCE STANDARD			
MICRO SWITCH STANDARDS APPLY			
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED			
WEIGHT 6.0		OZ MAX	

NOTES

- 1 - SWITCH SEALED PER MIL-PRF-8805, SYMBOL 3
- 2 - FEDERAL MAUFACTURER CODE, CATALOG LISTING, CIRCUIT DIAGRAM AND DATE CODE ARE SHOWN ON NAMEPLATE
- 3 - COINCIDENCE OF OPERATING AND RELEASING POINTS:
.010 OF PLUNGER TRAVEL
- 4 - CORROSION RESISTANT STEEL ENCLOSURE
- 5 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
- 6 GOLD CONTACT BASIC SWITCHES

ANSI Y14.5M-1982 APPLIES