

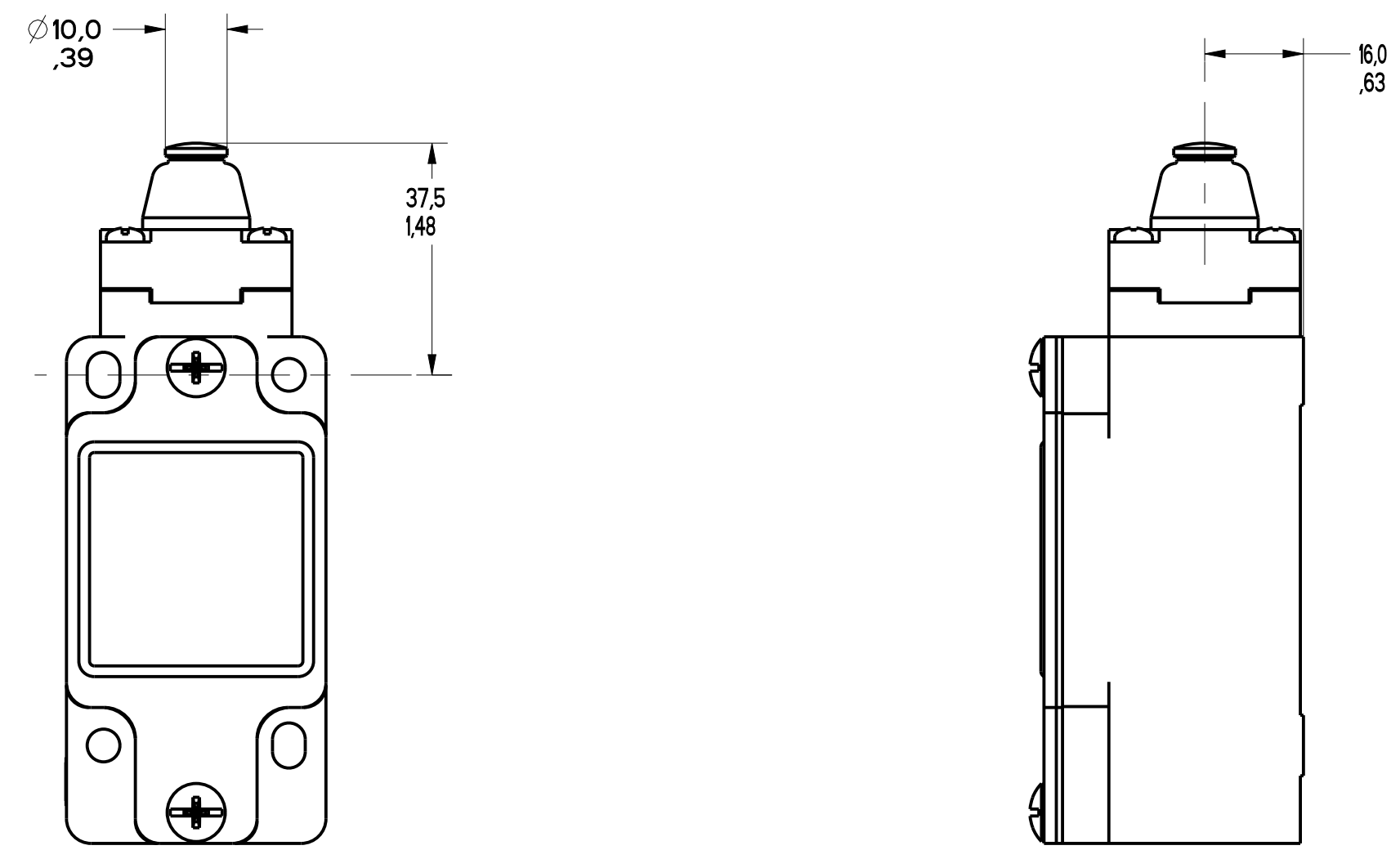


FIGURE 4 - TOP PIN PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

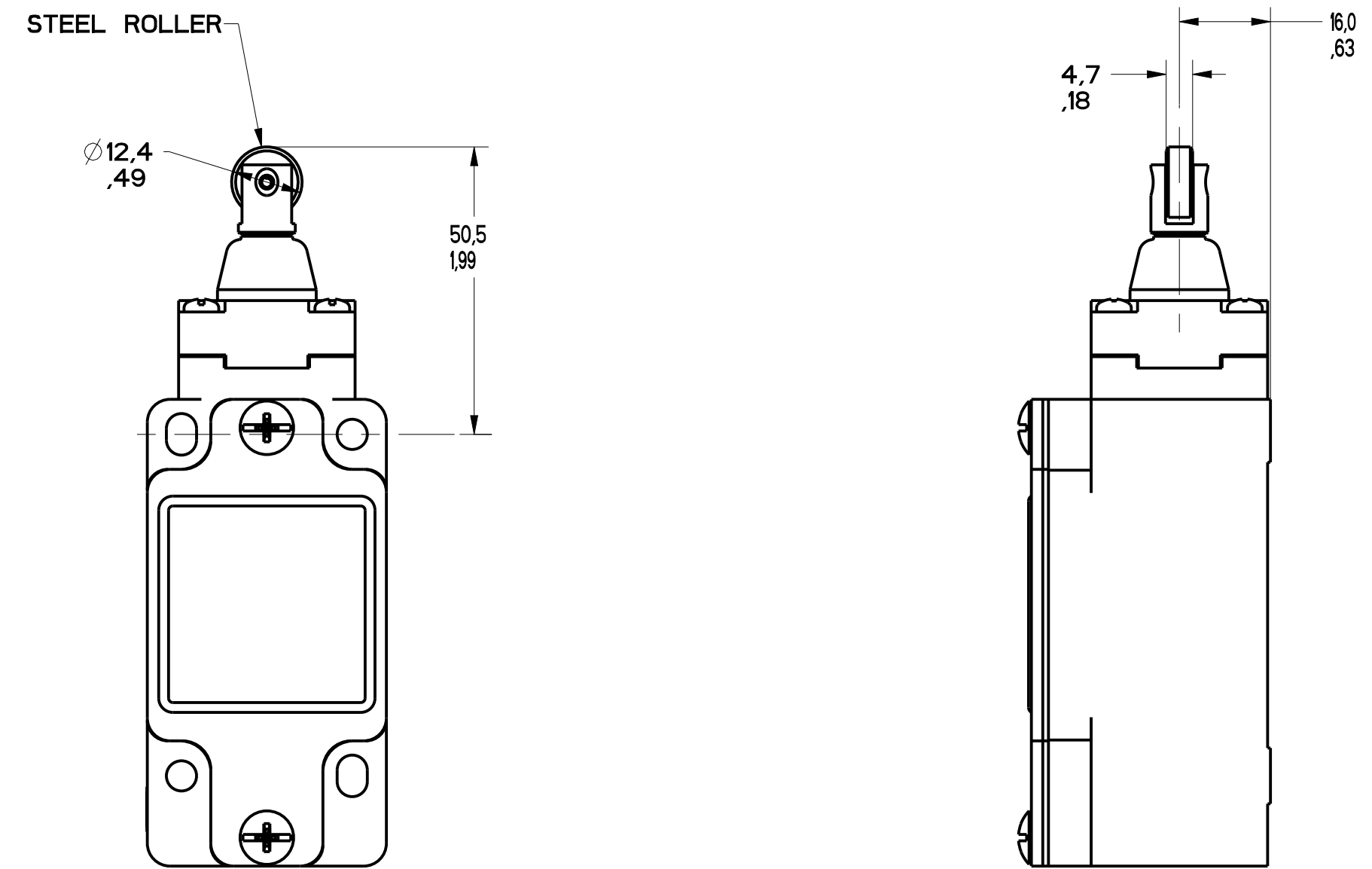


FIGURE 5 - TOP ROLLER PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

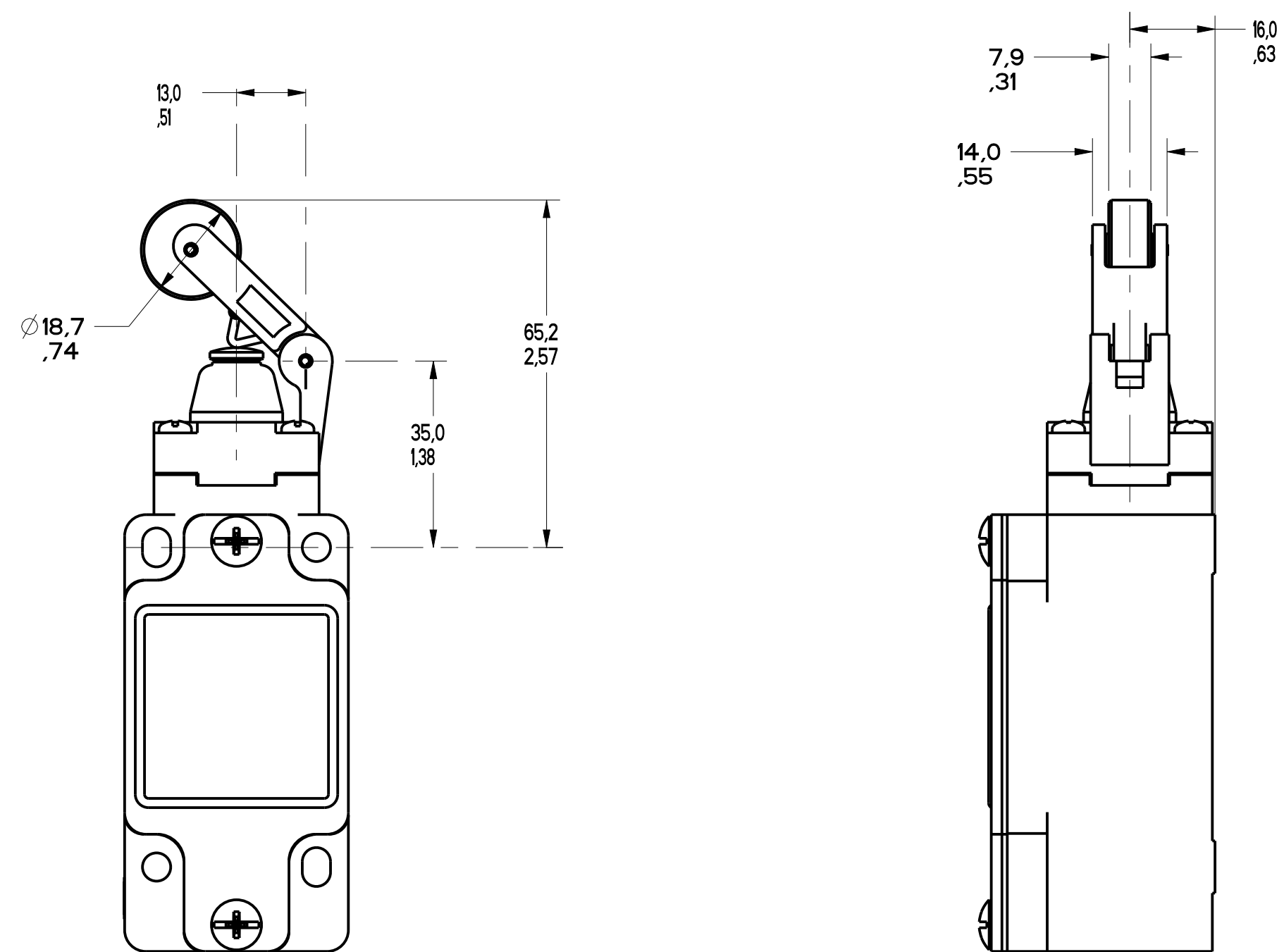


FIGURE 6 - TOP LEVER HEAD,
OTHERWISE REFER TO
FIGURE 1

[illegible]

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.			
FED. MFG. CODE 91929		CATALOG LISTING	
		GL SERIES CHART 1	
		WEIGHT	
			

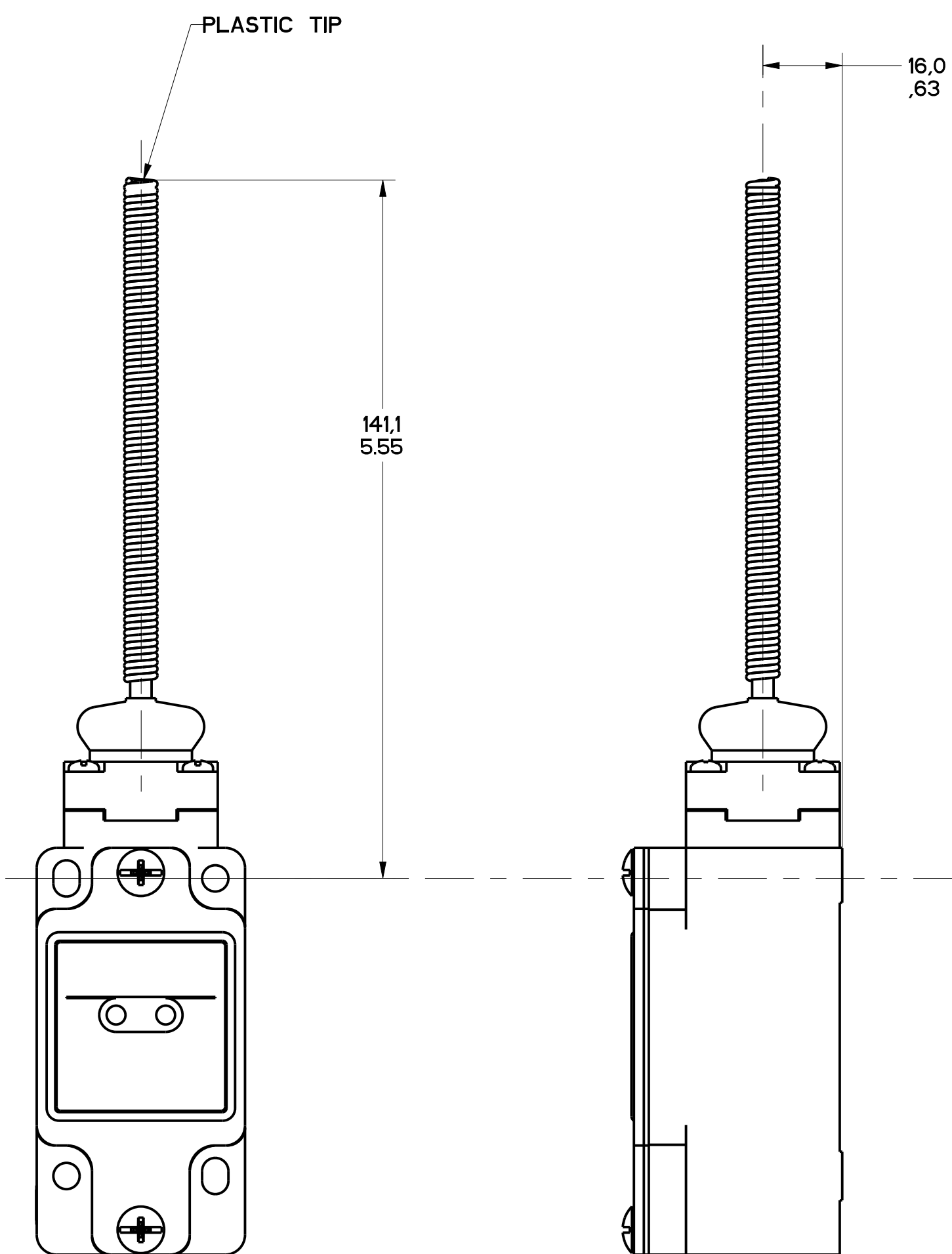


FIGURE 7 - WOBBLE HEAD, AND CAT WISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

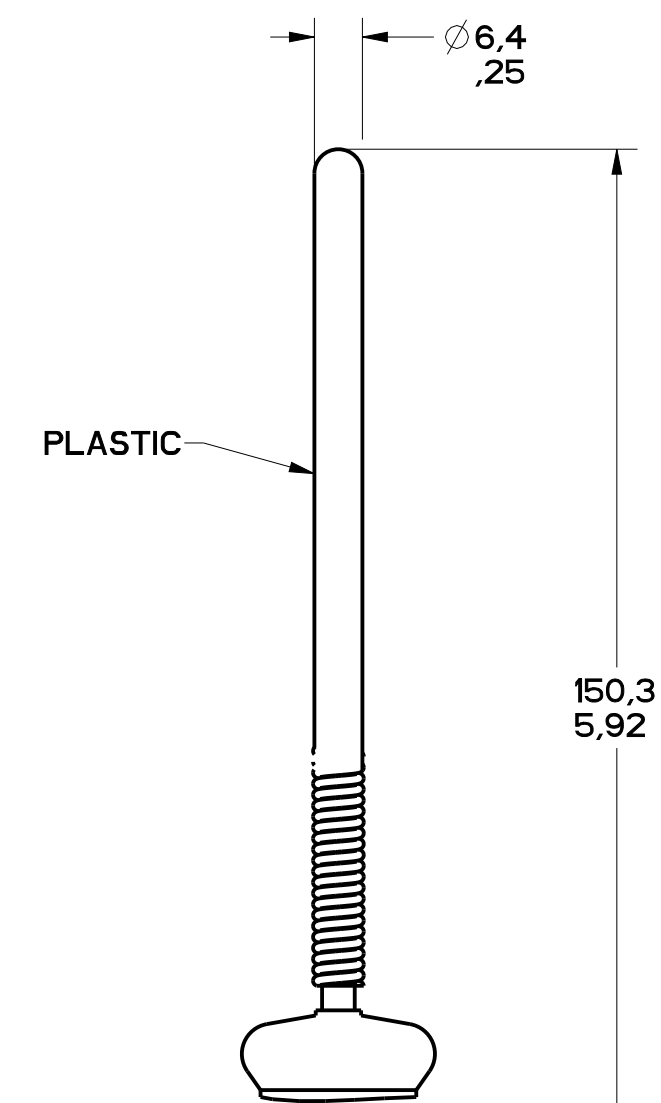


FIGURE 7A -
WOBBLE HEAD,
PLASTIC ACTUATOR,
OTHERWISE SAME AS FIGURE 7

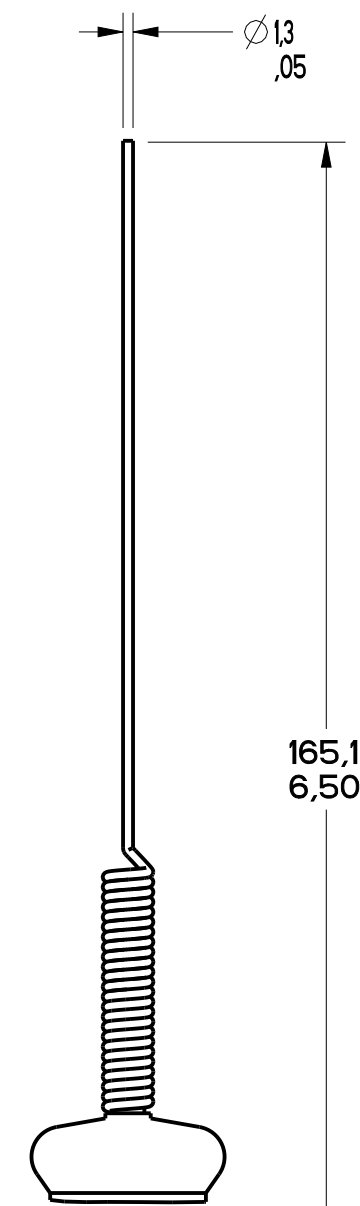


FIGURE 7B -
WOBBLE HEAD
STAINLESS STEEL SPRING
ACTUATOR, OTHERWISE
SAME AS FIGURE 7



FIGURE 7C -
CAT WHISKER ACTUATOR,
STAINLESS STEEL SPRING,
OTHERWISE SAME AS FIGURE 7

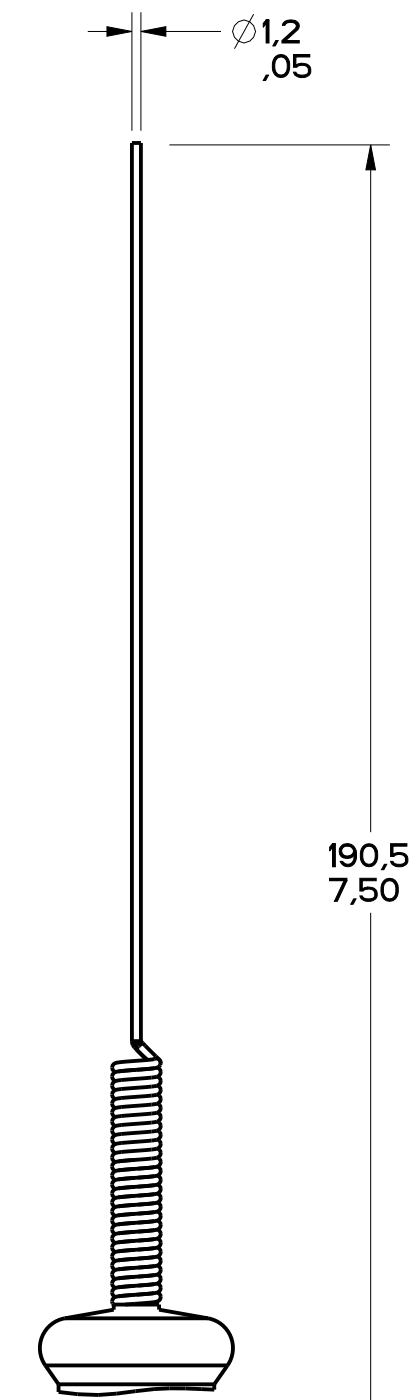


FIGURE 7D -
CAT WHISKER ACTUATOR,
STAINLESS STEEL
SPRING, OTHERWISE
SAME AS FIGURE 7

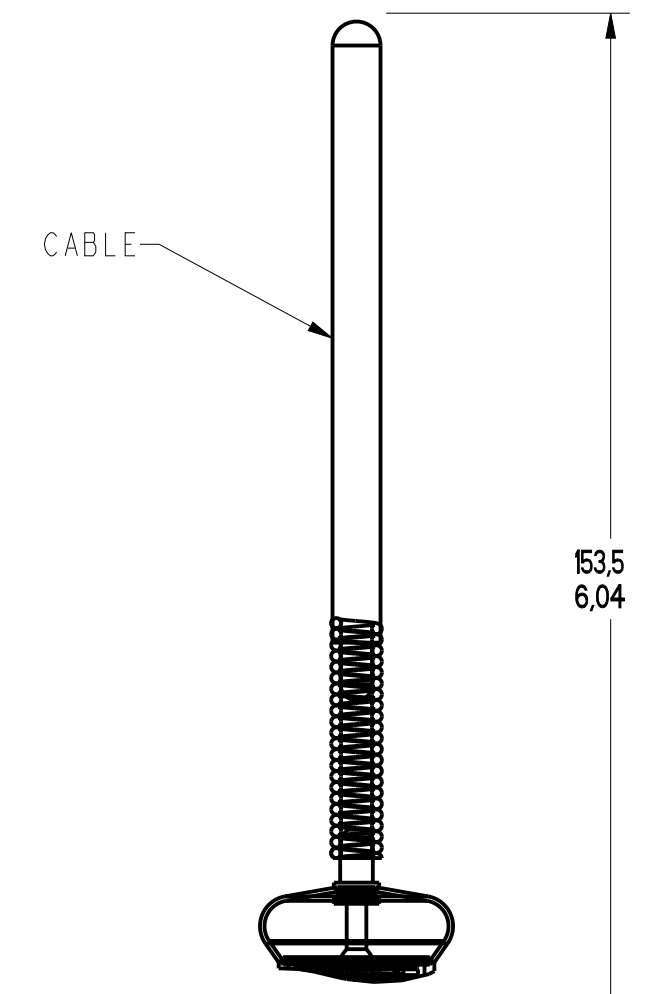


FIGURE 7E -
CABLE WOBBLE
ACTUATOR, OTHERWISE
SAME AS FIGURE 7

[illegible]

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.				<table><tr><td>SW mm</td><td>TOL mm (+/-)</td><td>SW in</td><td>TOL in (+/-)</td></tr><tr><td>9</td><td>0.075</td><td>0.354</td><td>0.003</td></tr></table>				SW mm	TOL mm (+/-)	SW in	TOL in (+/-)	9	0.075	0.354	0.003												
SW mm	TOL mm (+/-)	SW in	TOL in (+/-)																								
9	0.075	0.354	0.003																								
FED. MFG. CODE 91929		CATALOG LISTING		<table><tr><td>NO PLACES</td><td>X</td><td>0.47-0.006</td><td>0.530-0.003</td></tr><tr><td>ONE PLACE</td><td>X, S</td><td>0.157-0.006</td><td>0.157-0.003</td></tr><tr><td>TWO PLACES</td><td>X, S, A</td><td></td><td></td></tr><tr><td>THREE PLACES</td><td></td><td></td><td></td></tr><tr><td>ANGLES</td><td></td><td></td><td></td></tr></table>				NO PLACES	X	0.47-0.006	0.530-0.003	ONE PLACE	X, S	0.157-0.006	0.157-0.003	TWO PLACES	X, S, A			THREE PLACES				ANGLES			
NO PLACES	X	0.47-0.006	0.530-0.003																								
ONE PLACE	X, S	0.157-0.006	0.157-0.003																								
TWO PLACES	X, S, A																										
THREE PLACES																											
ANGLES																											
MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 1		<table><tr><td>±0.25 SI METRIC DESIGN UNITS</td><td>☒</td><td>US CUSTOMARY ☐</td></tr></table>		±0.25 SI METRIC DESIGN UNITS	☒	US CUSTOMARY ☐																			
		±0.25 SI METRIC DESIGN UNITS	☒	US CUSTOMARY ☐																							
		WEIGHT																									

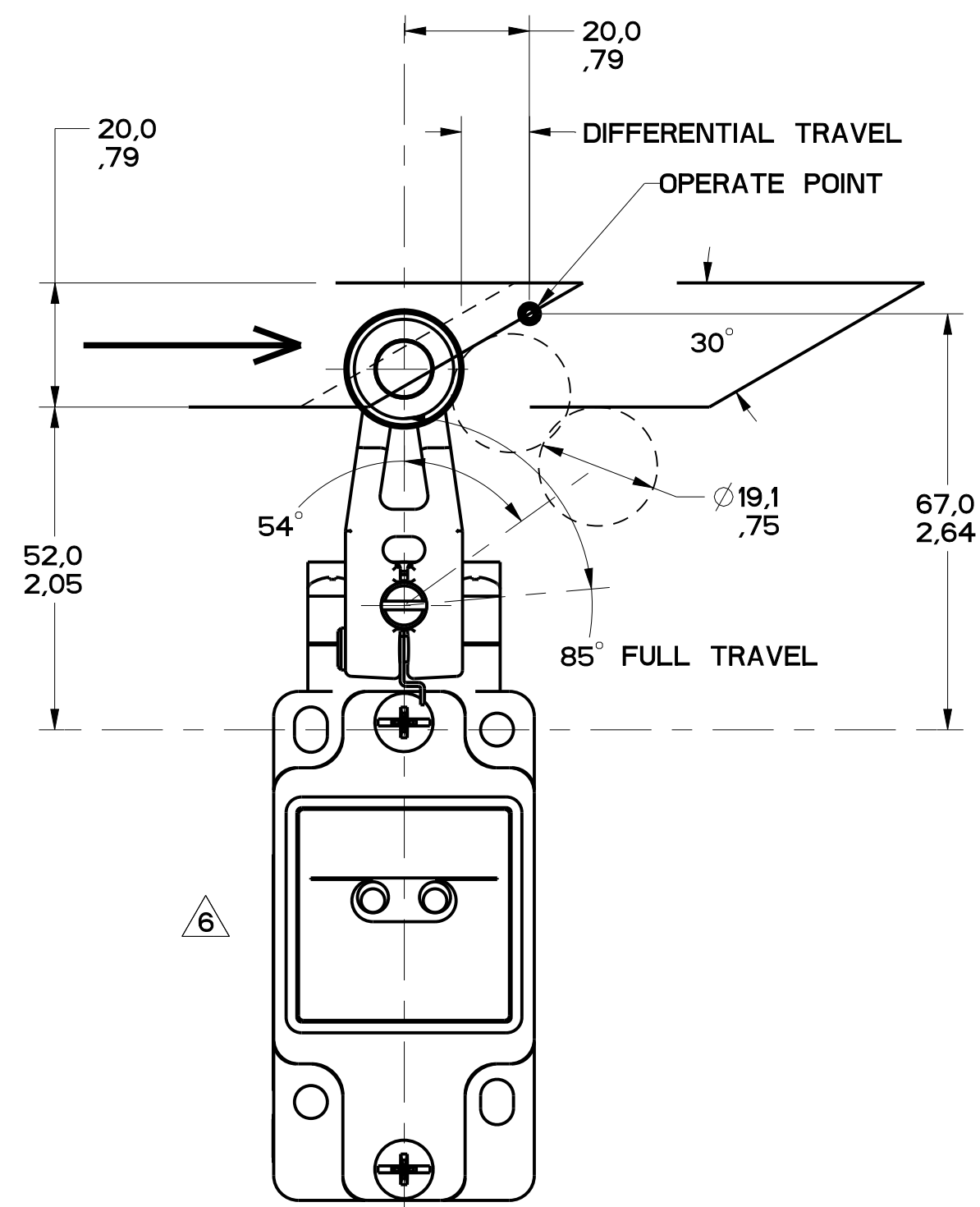


FIGURE 8

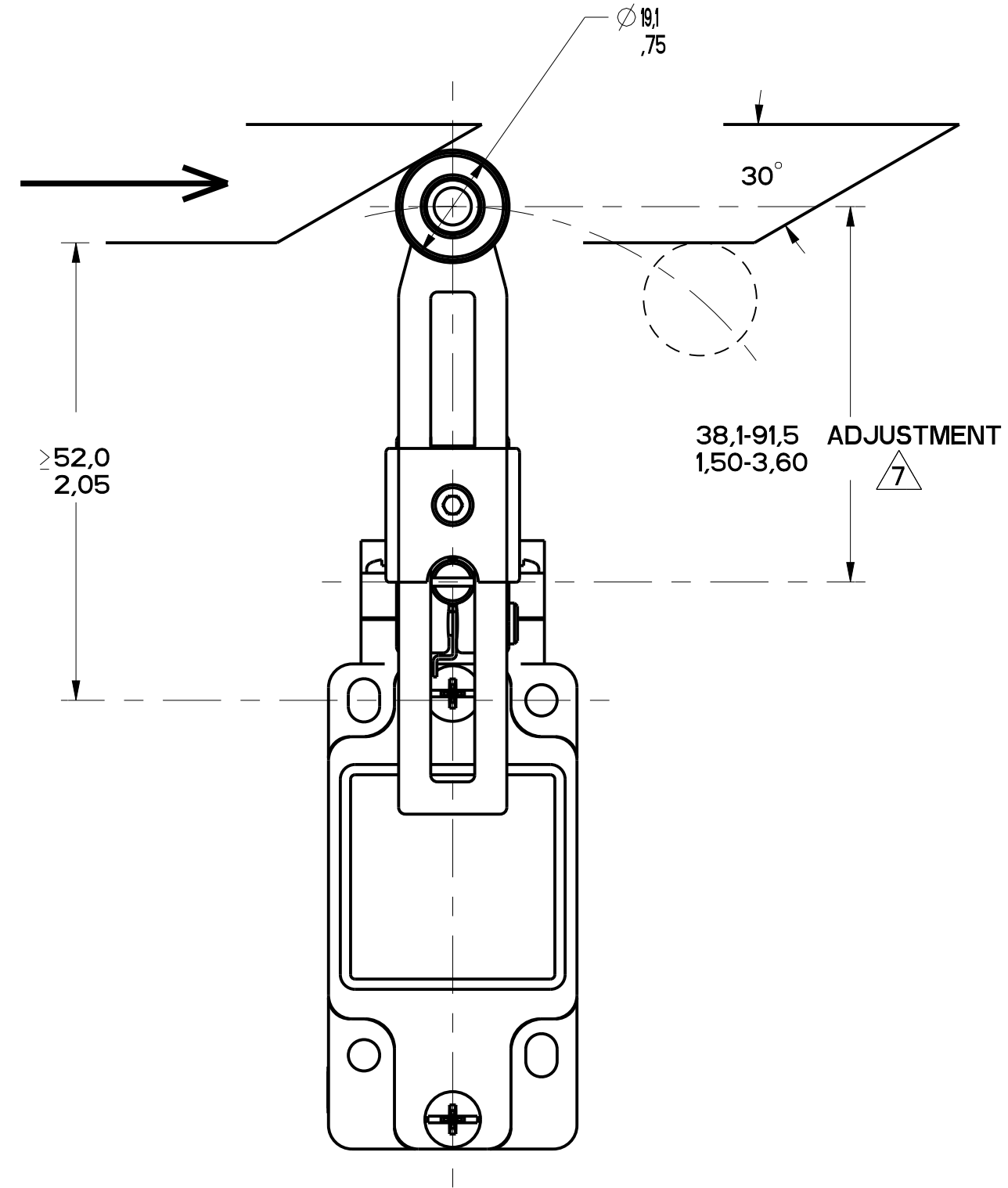


FIGURE 9

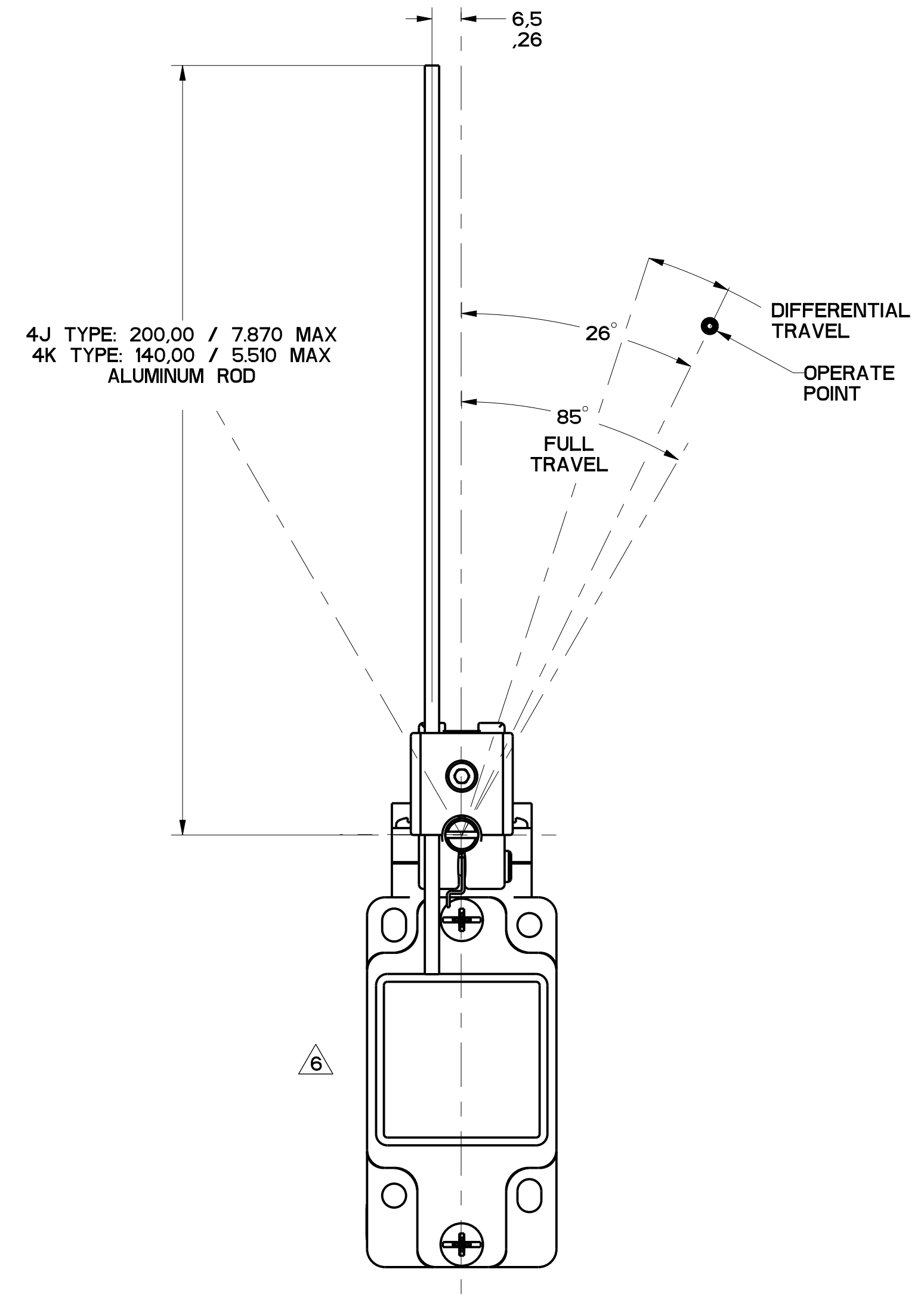


FIGURE 10

[illegible]

PTC/CAD	DRAWN	S A V 27MAR96	CHECK	DVM	07AUG06	CHECK	CMH	05OCT10	REVISIONS
									F 0000401
									GLH 2 JUN03
									G 0002986
									RS 20 JAN04
									H 0023759
									RFP 07AUG06
									J 0037216
									BS 09FEB08
									K 0034629
									SS 12SEP08
									L 0048605
									YKS 09FEB09
									M 0070059
									DN 05OCT10
									N 0049570
									SSH 12OCT12

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

FED. MFG. CODE 91929
MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

GL SERIES CHART 1

THIRD ANGLE PROJECTION			
			
SCALE	1 : 1		
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE: $\pm$			
NO PLACES	DIM X	TOL mm	DIM X
ONE PLACE	X .1	0.1 / 0.016	1.6
TWO PLACES	X .01	0.01 / 0.001	0.016
THREE PLACES	X .001	0.001 / 0.0001	0.0016
ANGLES	$\pm 20''$		
SI METRIC		US CUSTOMARY	
DESIGN UNITS			
WEIGHT			

FIGURES 8, 9, 10 SIDE ROTARY HEAD, ANGULAR ACTUATION							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING TORQUE $\frac{N \cdot m}{LB \cdot IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N \cdot m}{LB \cdot IN}$	MAX. OPERATE DEGREE/S	MIN. OPERATE DEGREE/S	MAX. OPERATE FREQUENCY OPS/MIN
GL**01A GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 26° 55**° 85° 13-14 12° DIFFERENTIAL TRAVEL	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 26**° 85° 13-14 38°	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 38**° 85° 13-14 26°	$\frac{.330}{2.9}$	$\frac{.400}{3.5}$	1290	13	250
GL**05A GL**35A	SLOW ACTING 	 13-14 38° 85° 23-24	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**06A GL**36A	SLOW ACTING 	 11-12 26**° 85° 21-22	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 26° 55**° 85° 13-14, 23-24 12° DIFFERENTIAL TRAVEL	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**21A GL**25A GL**28A GL**31A	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 11-12 27 42 13-14 8 DIFFERENTIAL TRAVEL 21-22 8 DIFFERENTIAL TRAVEL 23-24	$\frac{.330}{2.9}$	N/A	1290	13	250

SIDE ROTARY HEAD, CAM ACTUATION PER EN50041, FIGURES 8 AND 9							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1 DIMENSIONS IN mm	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX. OPERATE VEL $\frac{m/s}{in/s}$	MIN. OPERATE VEL $\frac{mm/s}{in/s}$	MAX. OPERATE FREQUENCY OPS/MIN
GL**01A GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 0 20 56** 13-14 12 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 0 20** 13-14 32	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 0 32 13-14 20	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**05A GL**35A	SLOW ACTING 	 13-14 0 32° 85° 23-24	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**06A GL**36A	SLOW ACTING 	 11-12 0 20** 21-22	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 0 20 56** 13-14, 23-24 12 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	$\frac{11.8}{2.7}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**21A GL**25A GL**28A GL**31A	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 11-12 0 20 38.5 13-14 8.5 DIFFERENTIAL TRAVEL 21-22 7 DIFFERENTIAL TRAVEL 23-24	$\frac{9.7}{2.2}$	N/A	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**26J GL**27J GL**29J GL**30J	CCW CW SNAP ACTION CONTACTS DOUBLE POLE CENTER NEUTRAL 	 11-12 0 16 13-14 8 DIFFERENTIAL TRAVEL 21-22 8 DIFFERENTIAL TRAVEL 23-24	$\frac{9.7}{2.2}$	N/A	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250

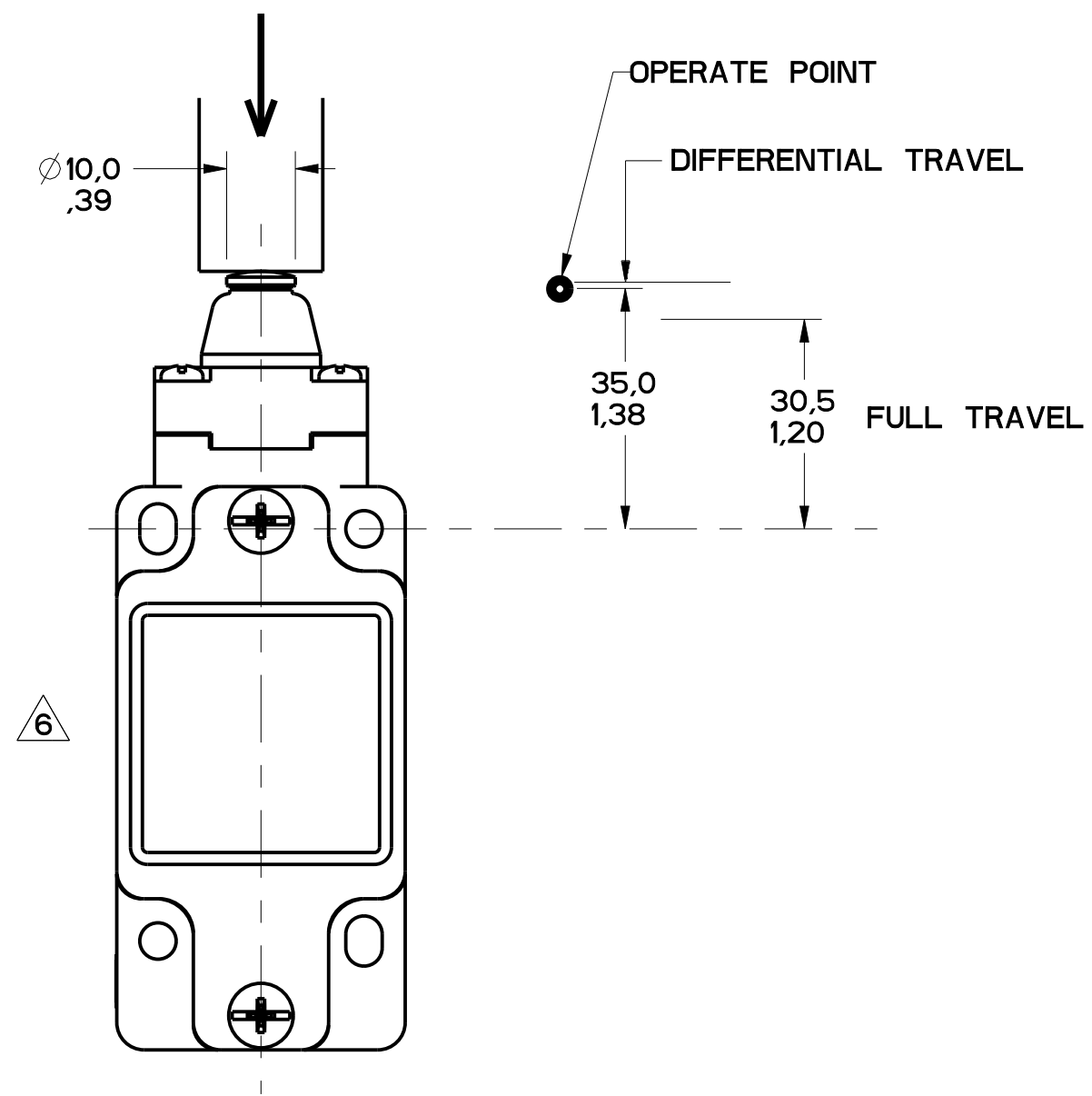


FIGURE 11

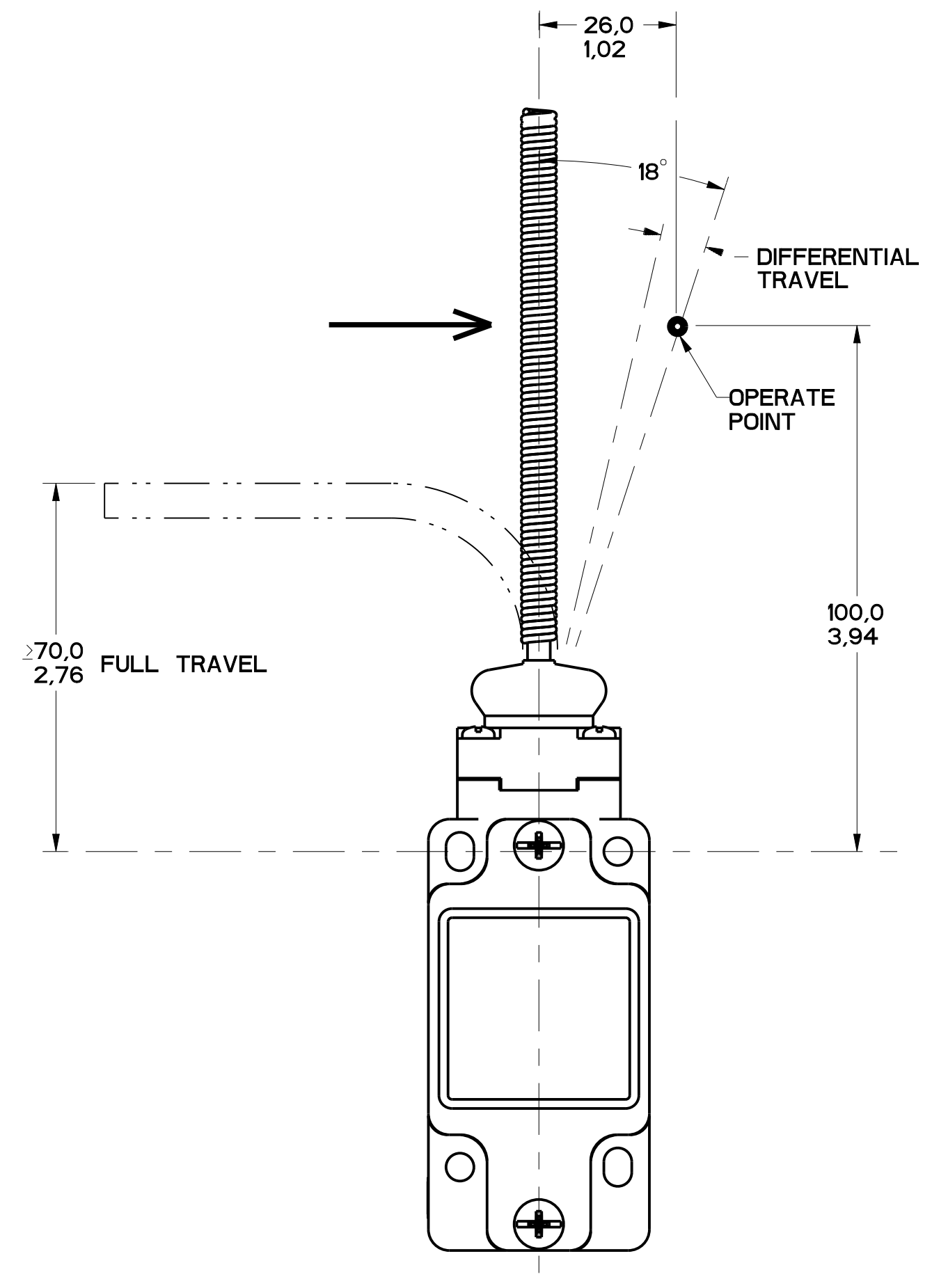


FIGURE 12

[illegible]

REVISIONS		GLH 26AUG93	CHECK CMH	05OCT10
F	0000401			
	GLH 2 JUN 03			
G	0002986			
	RS 20 JAN 04			
H	00032759			
	RKP 07AUG06			
J	0003216			
	BS 08FEB08			
K	0043629			
	SS 12SEP08			
L	0048605			
	YKS 09FEB09			
M	0070059			
	DN 05OCT10			
N	0094570			
	SBH 12OCT12			

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

GL SERIES CHART 1

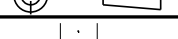
THIRD ANGLE PROJECTION			
			
1:1			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
DIM	TOL	FRA	TOL
mm	mm	in	mm
NO PLACES	X	1 / 64	0.81 (0.031)
ONE PLACE	X .1	0.01 (0.001)	0.50 (0.019)
TWO PLACES	X .01	0.001 (0.0001)	0.13 (0.005)
THREE PLACES	X .001	0.0001 (0.00001)	0.03 (0.001)
±			
SI METRIC		US CUSTOMARY	
DESIGN UNITS			
WEIGHT			

FIGURE 12, WOBBLE HEAD, ANGULAR ACTUATION

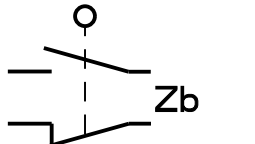
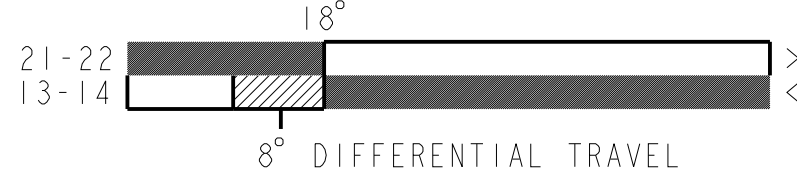
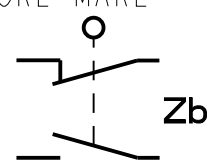
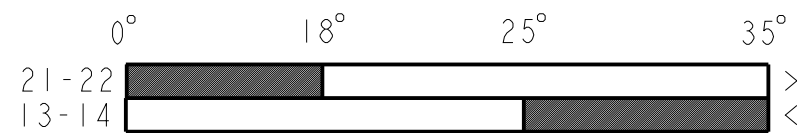
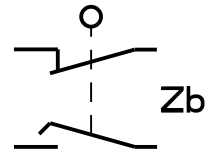
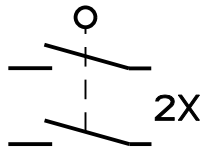
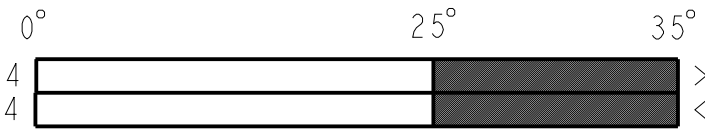
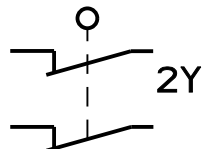
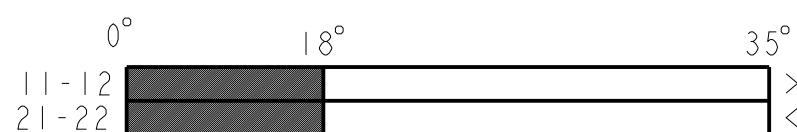
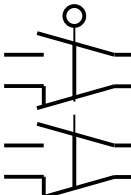
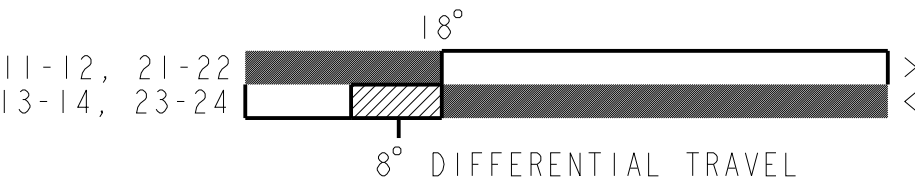
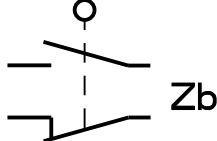
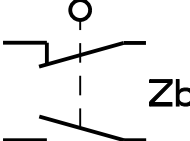
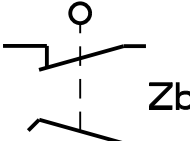
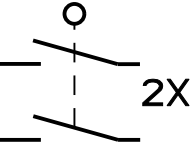
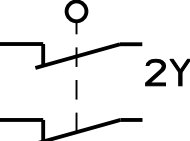
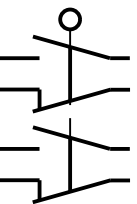
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING TORQUE $\frac{0.2}{1.8} \frac{N \cdot m}{LB \cdot in}$	MAXIMUM DISCONNECT TORQUE $\frac{N \cdot m}{LB \cdot in}$	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**03E GL**33E	SLOW ACTING BREAK BEFORE MAKE 	 0° 18° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 	 0° 18° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**05E GL**35E	SLOW ACTING 	 0° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**06E GL**36E	SLOW ACTING 	 0° 18° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100

FIGURE 12, WOBBLE HEAD, SIDE ACTUATION AT 100mm

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M/S}{IN/S}$	MIN OPERATE VEL $\frac{mm/S}{IN/S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 	21-22 26 13-14 12 DIFFERENTIAL TRAVEL	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**03E GL**33E	SLOW ACTING BREAK BEFORE MAKE 	21-22 26.5 38.1 13-14	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 	21-22 26.5 38.1 13-14	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05E GL**35E	SLOW ACTING 	13-14 38.1 23-24	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06E GL**36E	SLOW ACTING 	11-12 26.5 21-22	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 	11-12, 21-22 26 13-14, 23-24	$\frac{2.5}{0.6}$	N/A	360	8	100

THIRD ANGLE PROJECTION

THIRD ANGLE PROJECTION

SCALE -

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR

REFERENCE, UNLESS NOTED, TOLERANCES ARE :			
DIM.		TOL.	

	min	min/s	is	min/s
NO PLACES	X	17.04	X.X	0.87.03
ONE PLACE	X.X	0.45.01	X.XX	0.38.01

TWO PLACES	X,XX	0.157.006	X,XXX	0.137.005
THREE PLACES				
ANGLES		$\pm 2^\circ$		

SI METRIC	US CUSTOMARY
☒	☐

DESIGN UNITS		

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

GL SERIES CHART 1

ANSI Y14.5M-1982 APPLIES

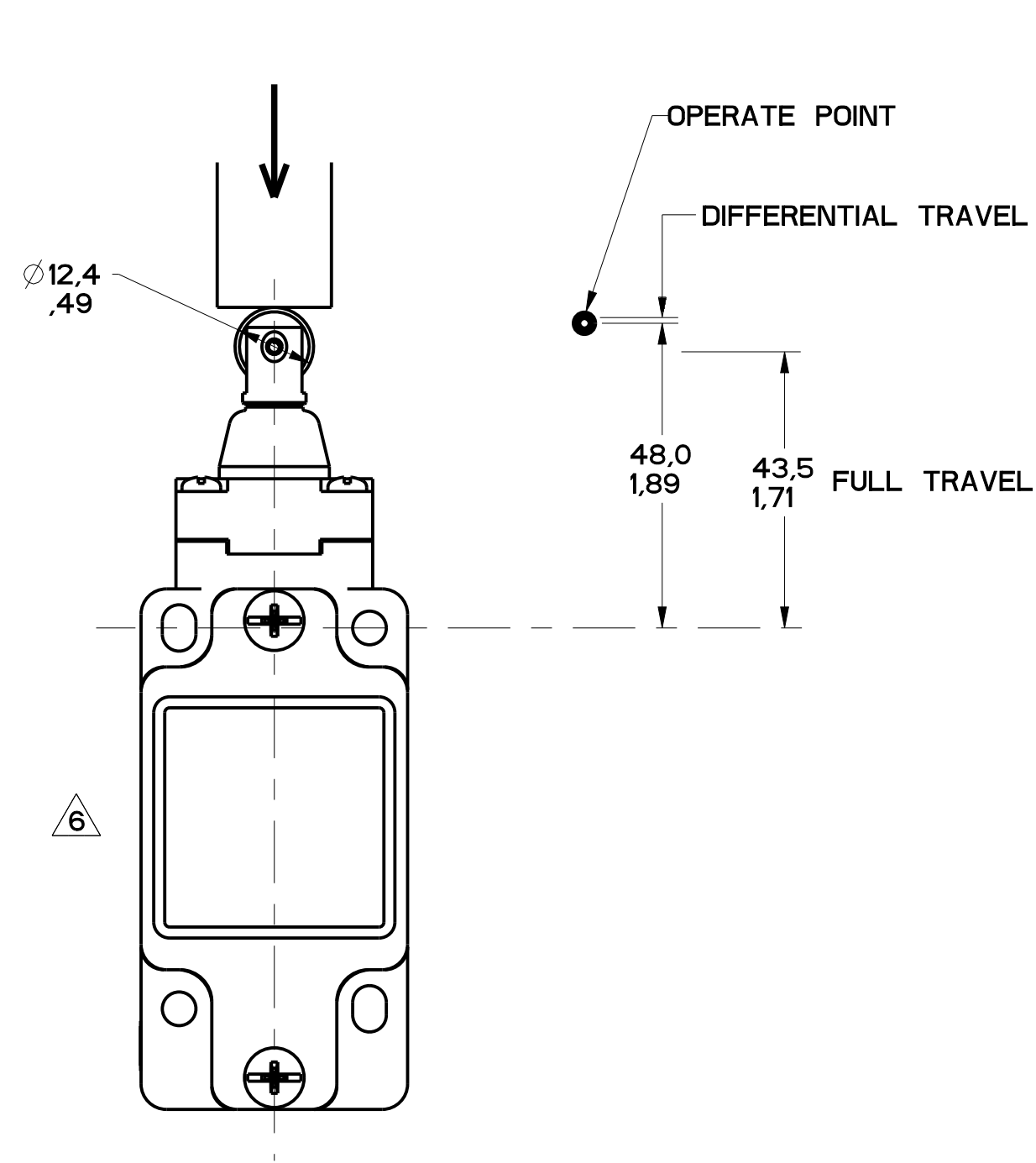


FIGURE 13A

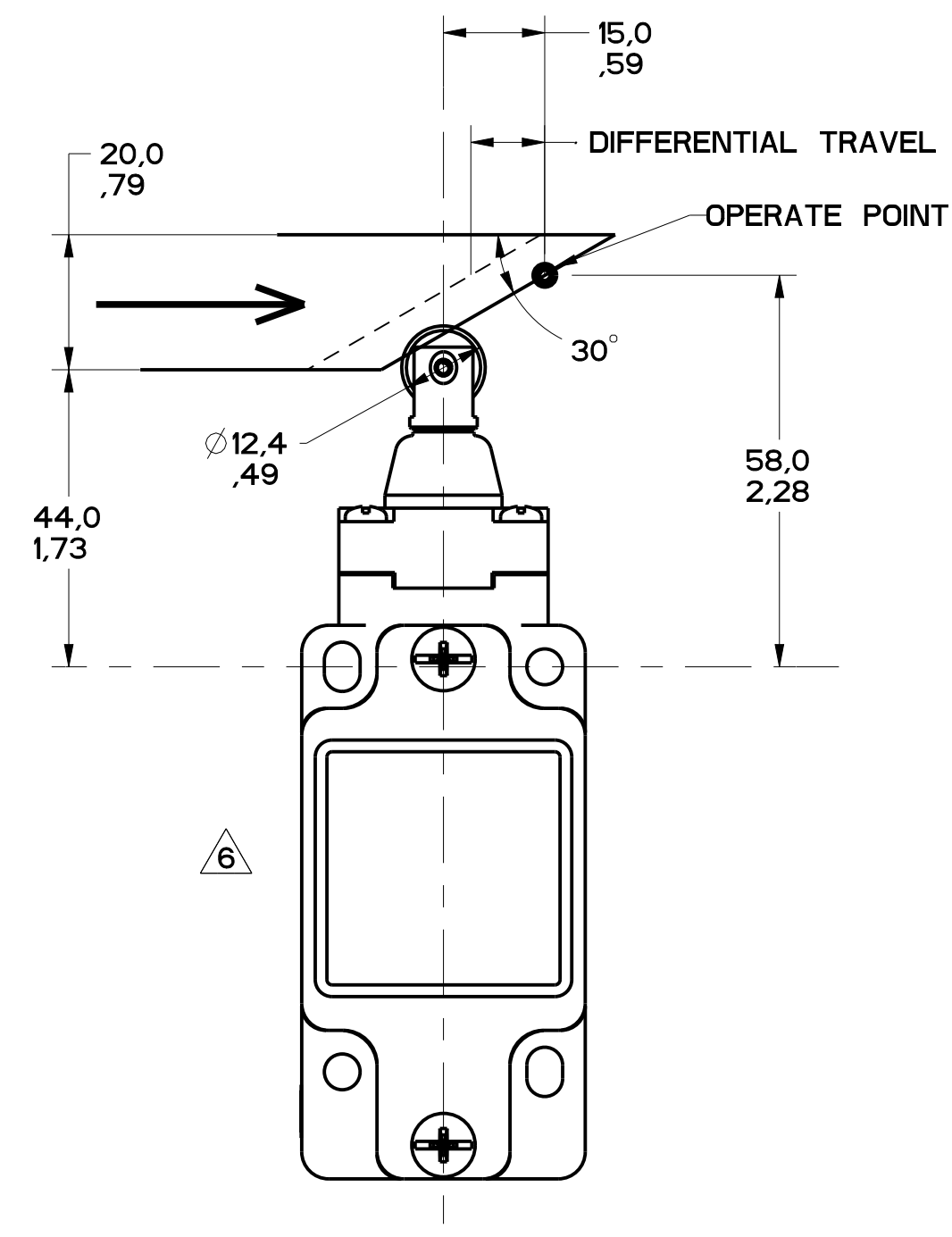


FIGURE 13B

MGL SERIES CHART 1			
DRAWING NUMBER		PAGE	8 OF 13
16		RELEASE NO.	PR-20782
ISSUE	CHECK	CMH	12OCT12
REVISIONS			
A	0005047		
B	01		
C	0007986		
D	0046064		
E	0023759		
F	0741606		
G	0037216		
H	0018008		
I	0043629		
J	0055008		
K	0048605		
L	0071800		
M	0070059		
N	0001110		
O	0094510		
P	0012012		
DRAWN			
PTC/CAD	W.L.S.	20APR03	CHECK
GLH			

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.			
FED. MFG. CODE 91929		CATALOG LISTING	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	
GL SERIES CHART 1		WEIGHT	
THIRD ANGLE PROJECTION			
SCALE 1:1			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
NO PLACES	DM	TOL	DM
ONE PLACE	MM	0.04	0.0015
TWO PLACES	MM	0.15/0.06	0.005/0.0025
THREE PLACES	MM	0.0015/0.0006	0.00005/0.000025
ANGLES	DEG	±0.25	±0.005
DESIGN UNITS		US CUSTOMARY	
SI METRIC		US CUSTOMARY	
X		X	

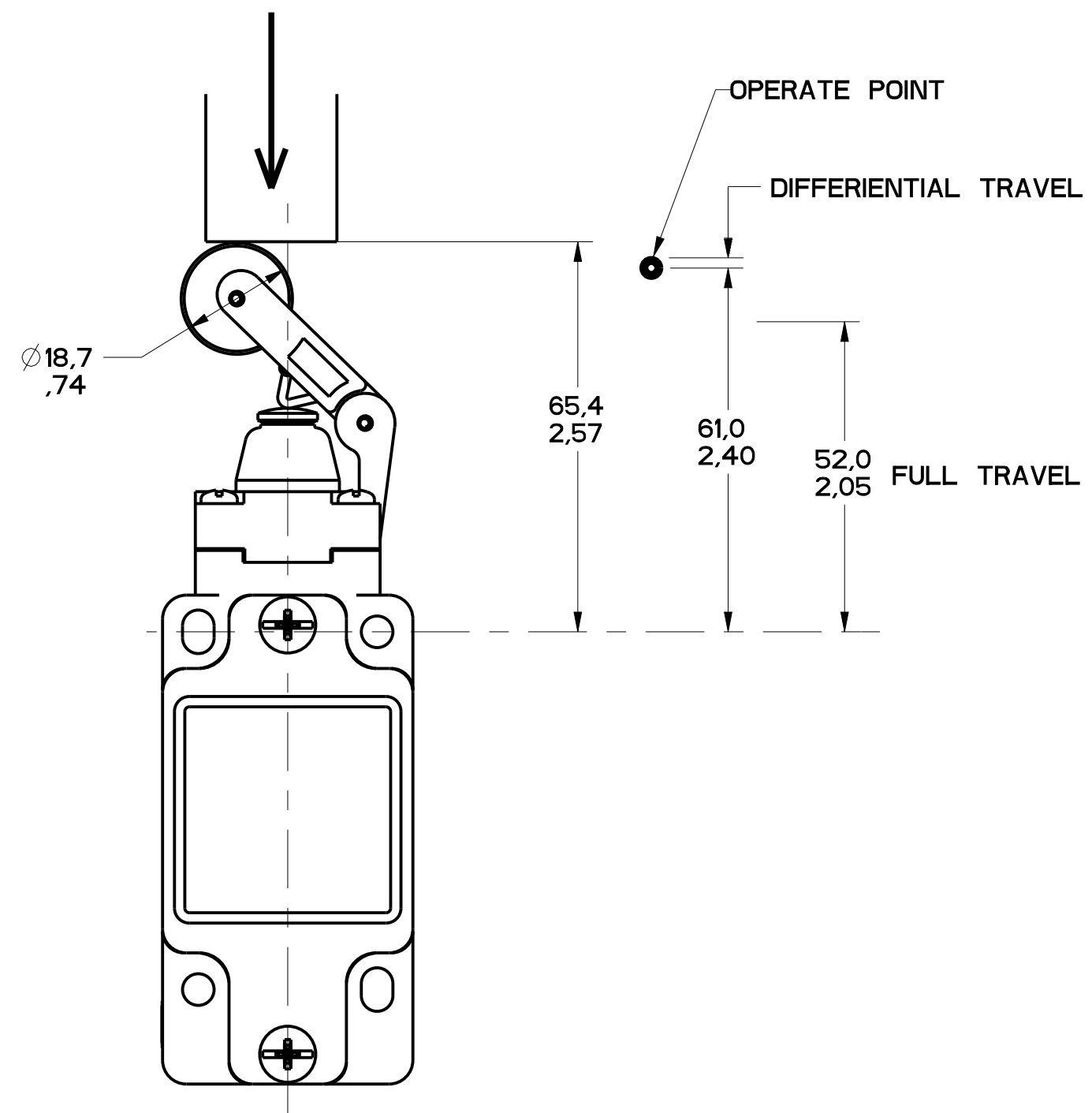


FIGURE 14A

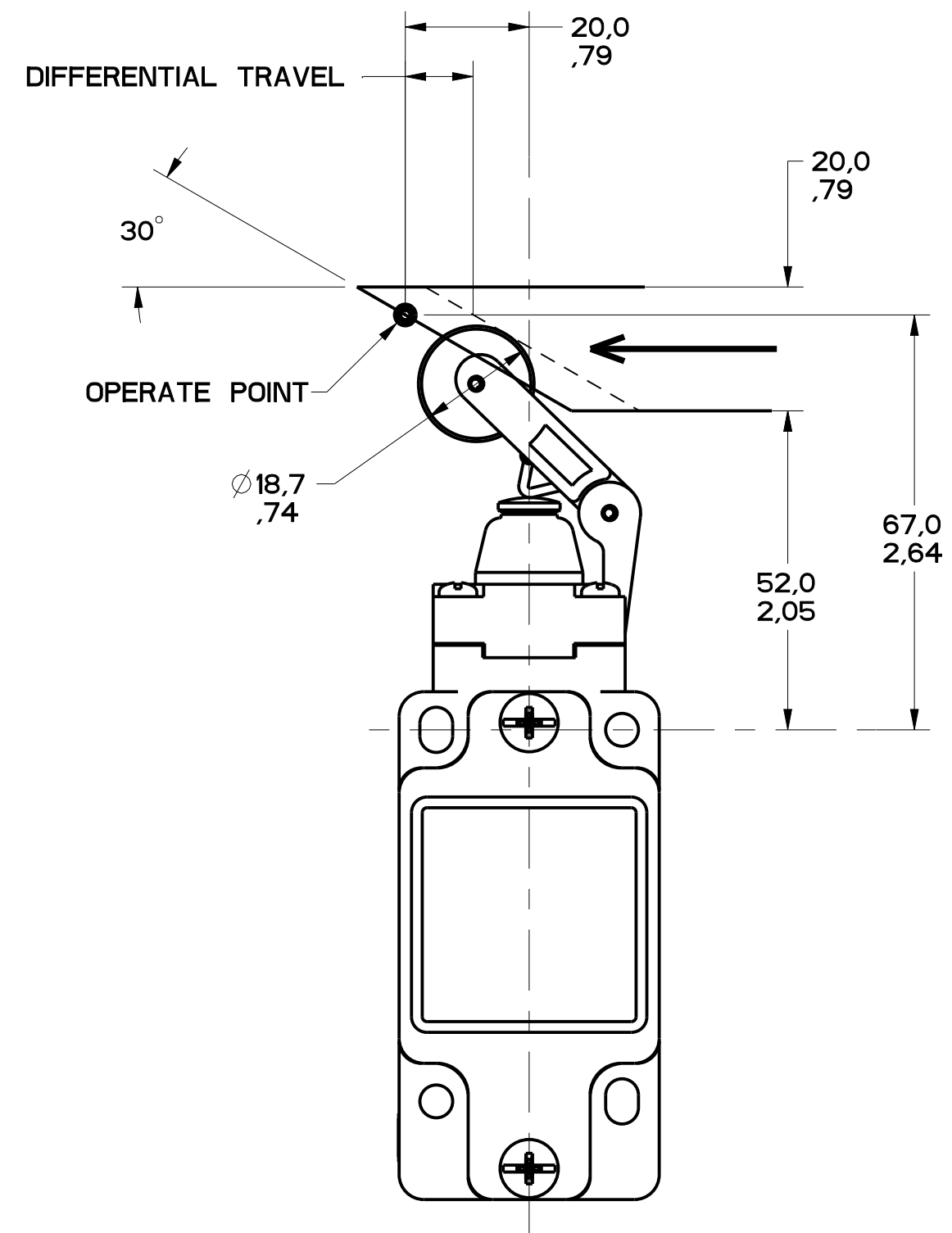


FIGURE 14B

[illegible]

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH.					
FED. MFG. CODE 91929		CATALOG LISTING			
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1	
				DESIGN UNITS ☒	
				WEIGHT	

FIGURE 14A, TOP ROLLER LEVER HEAD WITH PIN ACTUATION							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S IN/S	MIN OPERATE VEL M/S IN/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 	 1.7 DIFFERENTIAL TRAVEL	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 	 59.1	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 	 61	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**05D GL**35D	SLOW ACTING 	 59.1	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**06D GL**36D	SLOW ACTING 	 61	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 	 1.7 DIFFERENTIAL TRAVEL	$\frac{9.5}{2.1}$	$\frac{16.4}{3.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 1.6 DIFFERENTIAL TRAVEL	$\frac{9.5}{2.1}$	N/A	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250

FIGURE 14B, TOP ROLLER LEVER HEAD WITH CAM ACTUATION							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S IN/S	MIN OPERATE VEL M/S IN/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 	 4.1 DIFFERENTIAL TRAVEL	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 	 24.1	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 	 20	$\frac{5.5}{1.2}$	$\frac{9.6}{2.2}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**05D GL**35D	SLOW ACTING 	 24.1	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**06D GL**36D	SLOW ACTING 	 20	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 	 4.1 DIFFERENTIAL TRAVEL	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	 3.7 DIFFERENTIAL TRAVEL	$\frac{5.5}{1.2}$	N/A	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250

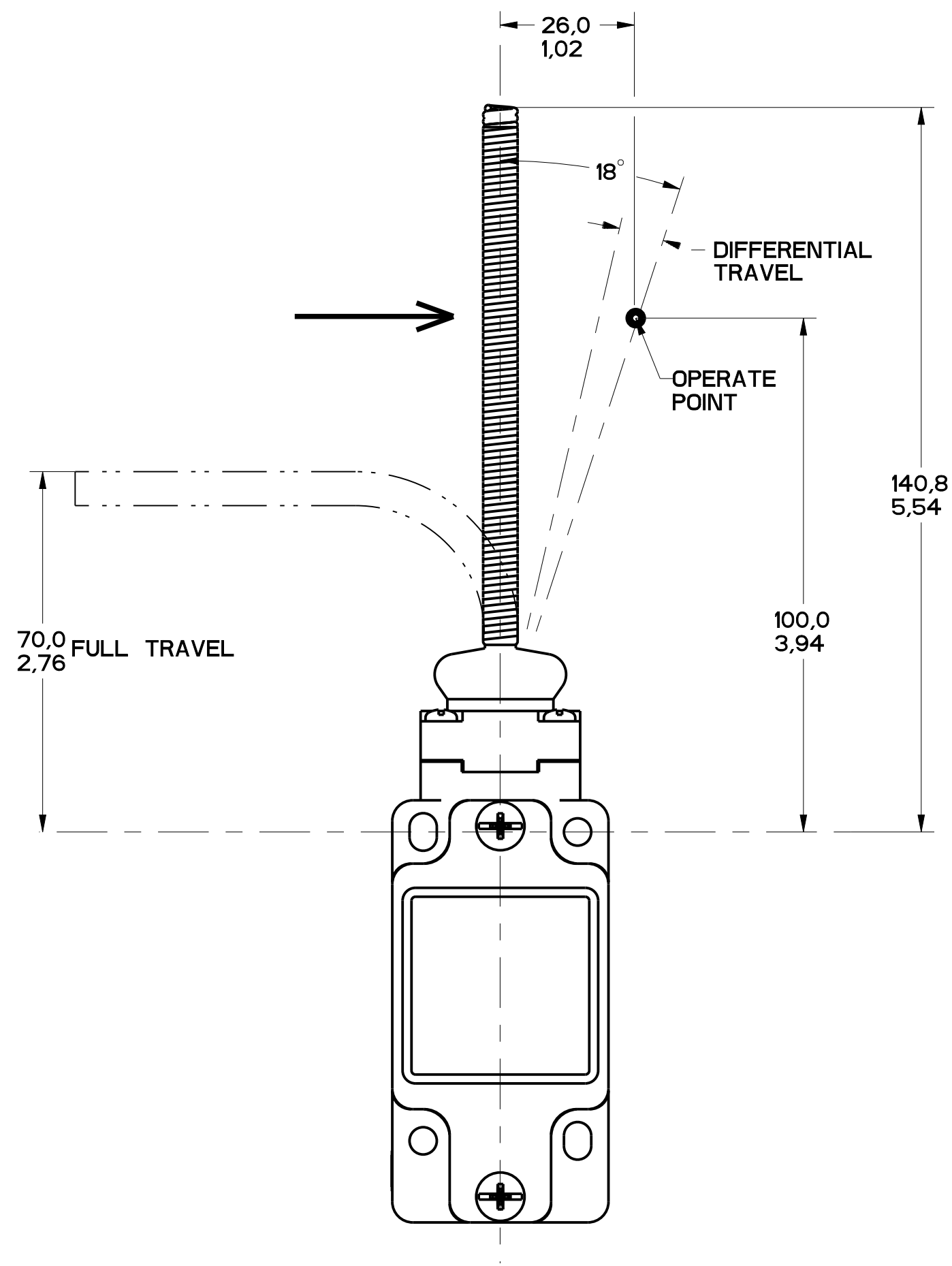


FIGURE 15

DRAWING NUMBER		PAGE		12 OF 13		REPLACES	
16		CMH		20CT12		-	
ISSUE		CHECK		CMH		-	
REVISIONS		CHECK		CMH		-	
A		0005040		05 OCT 10		-	
B		011		JUN 03		-	
C		0002986		20 JAN 04		-	
H		0023759		KVN		-	
J		0337216		0716086		-	
K		0043629		0811888		-	
L		0048605		0071809		-	
M		0075058		0001110		-	
N		0094578		0001110		-	
O		0001110		0001110		-	
P		0001110		0001110		-	
Q		0001110		0001110		-	
R		0001110		0001110		-	
S		0001110		0001110		-	
T		0001110		0001110		-	
U		0001110		0001110		-	
V		0001110		0001110		-	
W		0001110		0001110		-	
X		0001110		0001110		-	
Y		0001110		0001110		-	
Z		0001110		0001110		-	
AA		0001110		0001110		-	
AB		0001110		0001110		-	
AC		0001110		0001110		-	
AD		0001110		0001110		-	
AE		0001110		0001110		-	
AF		0001110		0001110		-	
AG		0001110		0001110		-	
AH		0001110		0001110		-	
AI		0001110		0001110		-	
AJ		0001110		0001110		-	
AK		0001110		0001110		-	
AL		0001110		0001110		-	
AM		0001110		0001110		-	
AN		0001110		0001110		-	
AO		0001110		0001110		-	
AP		0001110		0001110		-	
AQ		0001110		0001110		-	
AR		0001110		0001110		-	
AS		0001110		0001110		-	
AT		0001110		0001110		-	
AU		0001110		0001110		-	
AV		0001110		0001110		-	
AW		0001110		0001110		-	
AX		0001110		0001110		-	
AY		0001110		0001110		-	
AZ		0001110		0001110		-	
BA		0001110		0001110		-	
BB		0001110		0001110		-	
BC		0001110		0001110		-	
BD		0001110		0001110		-	
BE		0001110		0001110		-	
BF		0001110		0001110		-	
BG		0001110		0001110		-	
BH		0001110		0001110		-	
BI		0001110		0001110		-	
BJ		0001110		0001110		-	
BK		0001110		0001110		-	
BL		0001110		0001110		-	
BM		0001110		0001110		-	
BN		0001110		0001110		-	
BO		0001110		0001110		-	
BP		0001110		0001110		-	
BQ		0001110		0001110		-	
BR		0001110		0001110		-	
BS		0001110		0001110		-	
BT		0001110		0001110		-	
BU		0001110		0001110		-	
BV		0001110		0001110		-	
BW		0001110		0001110		-	
BX		0001110		0001110		-	
BY		0001110		0001110		-	
BZ		0001110		0001110		-	
CA		0001110		0001110		-	
CB		0001110		0001110		-	
CC		0001110		0001110		-	
CD		0001110		0001110		-	
CE		0001110		0001110		-	
CF		0001110		0001110		-	
CG		0001110		0001110		-	
CH		0001110		0001110		-	
CI		0001110		0001110		-	
CJ		0001110		0001110		-	
CK		0001110		0001110		-	
CL		0001110		0001110		-	
CM		0001110		0001110		-	
CN		0001110		0001110		-	
CO		0001110		0001110		-	
CP		0001110		0001110		-	
CQ		0001110		0001110		-	
CR		0001110		0001110		-	
CS		0001110		0001110		-	
CT		0001110		0001110		-	
CU		0001110		0001110		-	
CV		0001110		0001110		-	
CW		0001110		0001110		-	
CX		0001110		0001110		-	
CY		0001110		0001110		-	
CZ		0001110		0001110		-	
DA		0001110		0001110		-	
DB		0001110		0001110		-	
DC		0001110		0001110		-	
DD		0001110		0001110		-	
DE		0001110		0001110		-	
DF		0001110		0001110		-	
DG		0001110		0001110		-	
DH		0001110		0001110		-	
DI		0001110		0001110		-	
DJ		0001110		0001110		-	
DK		0001110		0001110		-	
DL		0001110		0001110		-	
DM		0001110		0001110		-	
DN		0001110		0001110		-	
DO		0001110		0001110		-	
DP		0001110		0001110		-	
DQ		0001110		0001110		-	
DR		0001110		0001110		-	
DS		0001110		0001110		-	
DT		0001110		0001110		-	
DU		0001110		0001110		-	
DV		0001110		0001110		-	
DW		0001110		0001110		-	
DX		0001110		0001110		-	
DY		0001110		0001110		-	
DZ		0001110		0001110		-	
EA		0001110		0001110		-	
EB		0001110		0001110		-	
EC		0001110		0001110		-	
ED		0001110		0001110		-	
EE		0001110		0001110		-	
EF		0001110		0001110		-	
EG		0001110		0001110		-	
EH		0001110		0001110		-	
EI		0001110		0001110		-	
EJ		0001110		0001110		-	
EK		0001110		0001110		-	
EL		0001110		0001110		-	
EM		0001110		0001110		-	
EN		0001110		0001110		-	
EO		0001110		0001110		-	
EP		0001110		0001110		-	
EQ		0001110		0001110		-	
ER		0001110		0001110		-	
ES		0001110		0001110		-	
ET		0001110		0001110		-	
EU		0001110		0001110		-	
EV		0001110		0001110		-	
EW		0001110		0001110		-	
EX		0001110		0001110		-	
EY		0001110		0001110		-	
EZ		0001110		0001110		-	
FA		0001110		0001110		-	
FB		0001110		0001110		-	
FC		0001110		0001110		-	
FD		0001110		0001110		-	
FE		0001110		0001110		-	
FF		0001110		0001110		-	
FG		0001110		0001110		-	
FH		0001110		0001110		-	
FI		0001110		0001110		-	
FJ		0001110		0001110		-	
FK		0001110		0001110		-	
FL		0001110		0001110		-	
FM		0001110		0001110		-	
FN		0001110		0001110		-	
FO		0001110		0001110		-	
FP		0001110		0001110		-	
FQ		0001110		0001110		-	
FR		0001110		0001110		-	
FS		0001110		0001110		-	
FT		0001110		0001110		-	
FU		0001110		0001110		-	
FV		0001110		0001110		-	
FW		0001110		0001110		-	
FX		0001110		0001110		-	
FY		0001110		0001110		-	
FZ		0001110		0001110		-	
GA		0001110		0001110		-	
GB		0001110		0001110		-	
GC		0001110		0001110		-	
GD		0001110		0001110		-	
GE		0001110		0001110		-	
GF		0001110		0001110		-	
GG		0001110		0001110		-	
GH		0001110		0001110		-	
GI		0001110		0001110		-	
GJ		0001110		0001110		-	
GK		0001110		0001110		-	
GL		0001110		0001110		-	
GM		0001110		0001110		-	
GN		0001110		0001110		-	
GO		0001110		0001110		-	
GP		0001110		0001110		-	
GQ		0001110		0001110		-	
GR		0001110		0001110		-	
GS		0001110		0001110		-	
GT		0001110		0001110		-	
GU		0001110		0001110		-	
GV		0001110		0001110		-	
GW		0001110		0001110		-	
GX		0001110		0001110		-	
GY		0001110		0001110		-	
GZ		0001110		0001110		-	
HA		0001110		0001110		-	
HB		0001110		0001110		-	
HC		0001110		0001110		-	
HD		0001110		0001110		-	
HE		0001110		0001110		-	
HF		0001110		0001110		-	
HG		0001110		0001110		-	
HH		0001110		0001110		-	
HI		0001110		0001110		-	
HJ		0001110		0001110		-	
HK		0001110		0001110		-	
HL		0001110		0001110		-	
HM		0001110		0001110		-	
HN		0001110		0001110		-	
HO		0001110		0001110		-	
HP		0001110		0001110		-	
HQ		0001110		0001110		-	
HR		0001110		0001110		-	
HS		0001110		0001110		-	
HT		0001110		0001110		-	
HU		0001110		0001110		-	
HV		0001110		0001110		-	
HW		0001110		0001110		-	
HX		0001110		0001110		-	
HY		0001110		0001110		-	
HZ		0001110		0001110		-	
IA		0001110		0001110		-	
IB		0001110		0001110		-	
IC		0001110		0001110		-	
ID		0001110		0001110		-	
IE		0001110		0001110		-	
IF		0001110		0001110		-	
IG		0001110		0001110		-	
IH		0001110		0001110		-	
II		0001110		0001110		-	
IJ		0001110		0001110		-	
IK							

FIGURE 15, CAT WISKER HEAD, ANGULAR ACTUATION							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL	MAXIMUM OPERATING TORQUE $\frac{N \cdot m}{LB \cdot IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N \cdot m}{LB \cdot IN}$	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**01K GL**07K	SNAP - ACTION CONTACTS SINGLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.1}{.9}$	N/A	360	8	100
GL**03K GL**33K	SLOW ACTING BREAK BEFORE MAKE 	 18° 25	$\frac{0.1}{.9}$	N/A	360	8	100
GL**04K GL**34K	SLOW ACTING MAKE BEFORE BREAK 	 25° 18°	$\frac{0.1}{.9}$	N/A	360	8	100
GL**05K GL**35K	SLOW ACTING 	 25°	$\frac{0.1}{.9}$	N/A	360	8	100
GL**06K GL**36K	SLOW ACTING 	 18°	$\frac{0.1}{.9}$	N/A	360	8	100
GL**20K GL**22K GL**24K GL**32K	SNAP ACTION CONTACTS DOUBLE POLE 	 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.1}{.9}$	N/A	360	8	100

FIGURE 15, CAT WISKER HEAD, SIDE ACTUATION AT 100mm							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M/S}{IN/S}$	MIN OPERATE VEL $\frac{mm/S}{IN/S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01K GL**07K	SNAP - ACTION CONTACTS SINGLE POLE 	 26 12 DIFFERENTIAL TRAVEL	$\frac{1.3}{.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**03K GL**33K	SLOW ACTING BREAK BEFORE MAKE 	 26.5 38.1	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**04K GL**34K	SLOW ACTING MAKE BEFORE BREAK 	 26.5 38.1	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05K GL**35K	SLOW ACTING 	 38.1	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06K GL**36K	SLOW ACTING 	 26.5	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**20K GL**22K GL**24K GL**32K	SNAP ACTION CONTACTS DOUBLE POLE 	 26 12 DIFFERENTIAL TRAVEL	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9