

SIDE ROTARY

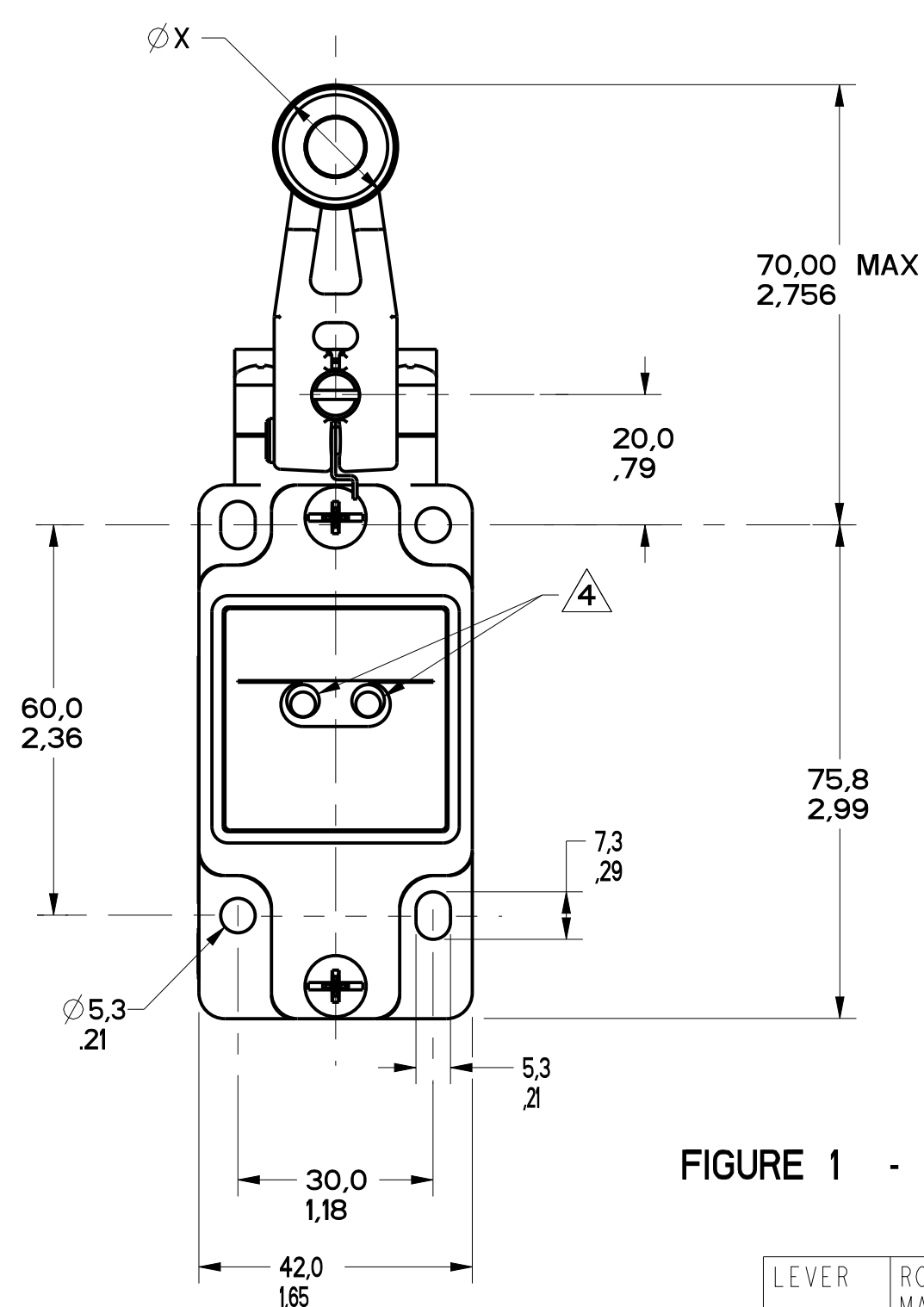
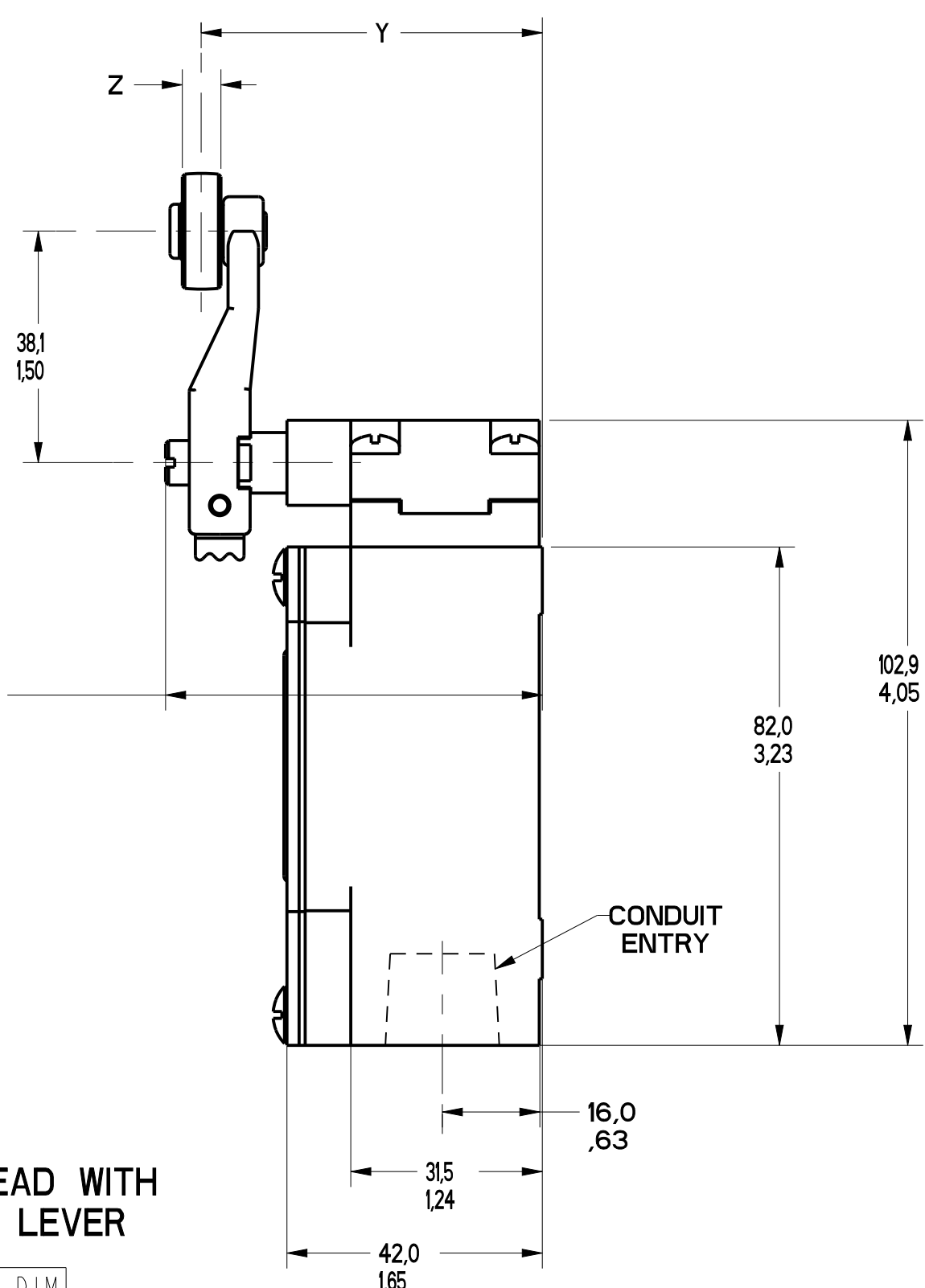


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

LEVER	ROLLER MATL	X DIM	Y DIM	Z DIM
GLZ51A	NYLON	19,1 .75	55,9 2.20	6,4 .25
GLZ51B	STEEL	19,1 .75	55,9 2.20	6,4 .25
GLZ51C	NYLON	24,5 1.00	59,1 2.33	12,7 .50
GLZ51Y	RUBBER	50,0 1.97	66,1 2.60	10,0 .39
GLZ51T	STAINLESS STEEL	19,1 .75	56,8 2.24	8,8 .345



GLZ54J: 200,00 / 7.870 MAX  
GLZ54K: 140,00 / 5.510 MAX  
ALUMINUM ROD

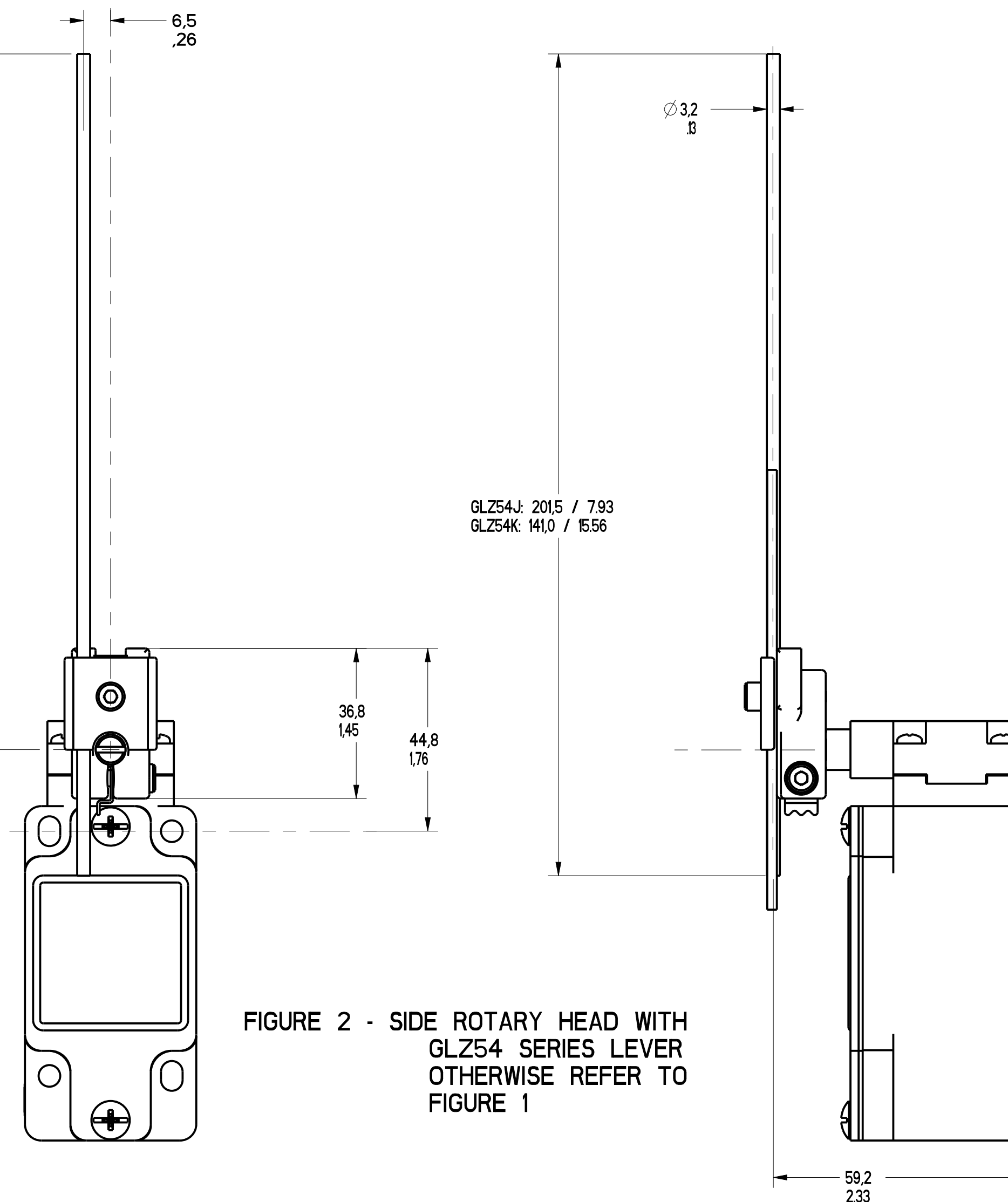


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

FIGURE	CATALOG LISTING	CONDUIT ENTRY
1A	GL*A SERIES	1/2-14 NPT
1B	GL*B SERIES	PG13.5
1C	GL*C SERIES	20mm
1D	GL*D SERIES	PF1/2

ELECTRICAL RATING				GOLD PLATED CONTACTS
AC		DC		
A600	AC15	0300	DC13	1V 10µA MIN 50V 100mA MAX
Ue	Ie	Ue	Ie	
(VOLTS)	(AMPS)	(VOLTS)	(AMPS)	
120	6	24	2.8	
240	3	125	.55	
380	1.9	250	.27	
480	1.5			
500	1.4			
600	1.2			

ENVIRONMENTAL RATING
IP67
NEMA/UL TYPES 1, 4, 12, 13

CATALOG LISTING	BODY DIMENSIONS, FIGURE	HEAD DIMENSIONS, FIGURE	HEAD ACTUATION, FIGURE
GLA****	I	N/A	N/A
GLF****	I	N/A	N/A
GLH****	I	N/A	N/A
GLA****	1A	N/A	N/A
GLB****	1B	N/A	N/A
GLC****	1C	N/A	N/A
GLD****	1D	N/A	N/A
GL****A1*	I	1	8
GL****A2*	I	3	9
GL****A4*	I	2	10
GL****A5*	I		8
GL****B	I	4	11
GL****C	I	5	13A, 13B
GL****D	I	6	14A, 14B
GL****E7A	I	7A	12
GL****E7B	I	7	12
GL****E7C	I	7E	15
GL****E7D	I	7B	12
GL****K8A	I	7C	15
GL****K8B	I	7D	15
GL****K8C	I	7	15

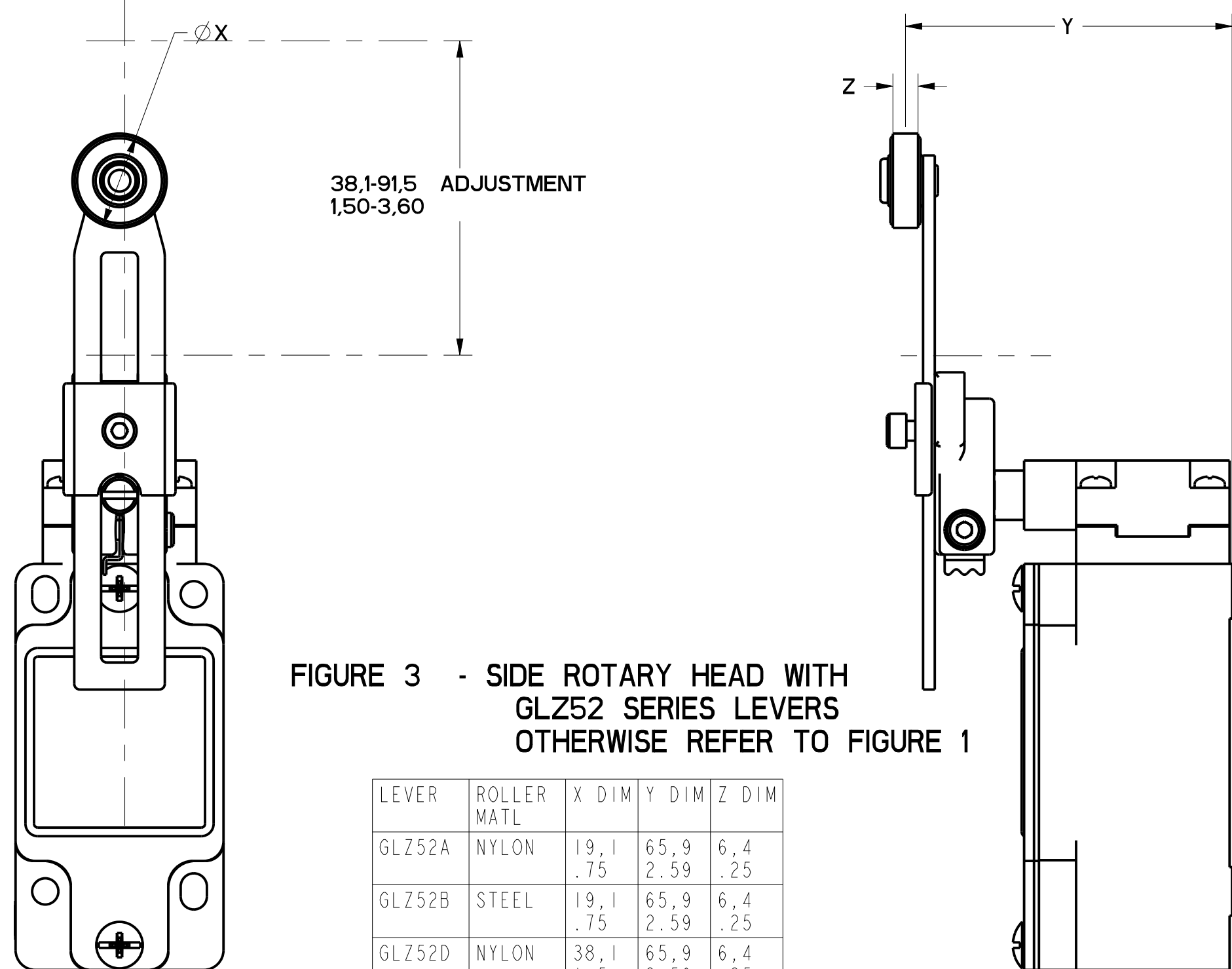


FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

LEVER	ROLLER MATL	X DIM	Y DIM	Z DIM
GLZ52A	NYLON	19,1 .75	65,9 2.59	6,4 .25
GLZ52B	STEEL	19,1 .75	65,9 2.59	6,4 .25
GLZ52D	NYLON	38,1 1.5	65,9 2.59	6,4 .25
GLZ52E	NYLON	19,1 .75	79,37 3.125	33,07 1.300
GLZ52W	RUBBER	40,0 1.6	71,5 2.81	12,7 .5
GLZ52Y	RUBBER	50,0 1.97	68,8 2.71	10,0 .39

NOTES  
 1 - HEADS MAY BE INDEXED IN 90° INCREMENTS  
 2 - LEVERS MAY BE KEYED TO THE SHAFT AT 90° INCREMENTS. THEY MAY ALSO BE ATTACHED, BUT NOT KEYED ANYWHERE ON THE SHAFT.  
 3 - FOR ADDITIONAL LEVERS SEE "M" DRAWING CHART GLZ5  
 4 - THE LEFT INDICATOR IS GREEN AND INDICATES "POWER ON" IT IS ON GLH SERIES PRODUCTS ONLY. THE RIGHT INDICATOR IS YELLOW AND INDICATES "OUTPUT STATUS" IT IS ON GLF AND GLH SERIES PRODUCTS ONLY.  
 5 - THE MAXIMUM VOLTAGE, V<sub>e</sub> OF GLF AND GLH SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS  
 6 - FREE POSITION, OPERATE POINT, OVERTRAVEL AND PRETRAVEL ALL TO EN50041  
 7 - CAM TRAVEL FOR FIG 9 ONLY APPLIES WHEN LEVER IS ADJUSTED TO 38,1 / 1.50  
 8 - THE MAXIMUM VOLTAGE, V<sub>e</sub> OF "06" AND "36" BASIC SWITCH CODE IS 300V (A300)  
 9 - TEMPERATURE RANGE  
 (ALL PRODUCTS EXCEPT W/SIDE ROTARY OPERATING HEAD)  
 OPERATING: -25°C TO +85°C / -13°F TO +185°F  
 STORAGE: -40°C TO +85°C / -40°F TO +185°F  
 (PRODUCTS W/SIDE ROTARY OPERATING HEAD)  
 OPERATING: -40°C TO +85°C / -40°F TO +185°F  
 STORAGE: -40°C TO +85°C / -40°F TO +185°F

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FED. MFG. CODE 91929

**MICRO SWITCH**  
a Honeywell Division

SWITCH, ENCLOSED

CATALOG LISTING  
**GL SERIES CHART 1**

SI METRIC  US CUSTOMARY

DESIGN UNITS: ±.25

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:

	DIM	TOL.	DIM	TOL.
NO PLACES	X	±.04	X	±.0015
TWO PLACES	X, Y, Z	±.02	X, Y, Z	±.0015
THREE PLACES	X, Y, Z	±.015	X, Y, Z	±.0015

ANGLES: ±.2°

MGL SERIES CHART 1  
 DRAWING NUMBER: 16  
 ISSUE: 1  
 DATE: 01/13  
 CHECK: CMH  
 APPROVAL: 05/03/12  
 RELEASE NO.: PR-201782  
 PTC/CAD  
 DRAWN: S.A.V.  
 CHECK: DVM  
 DATE: 02/13/06

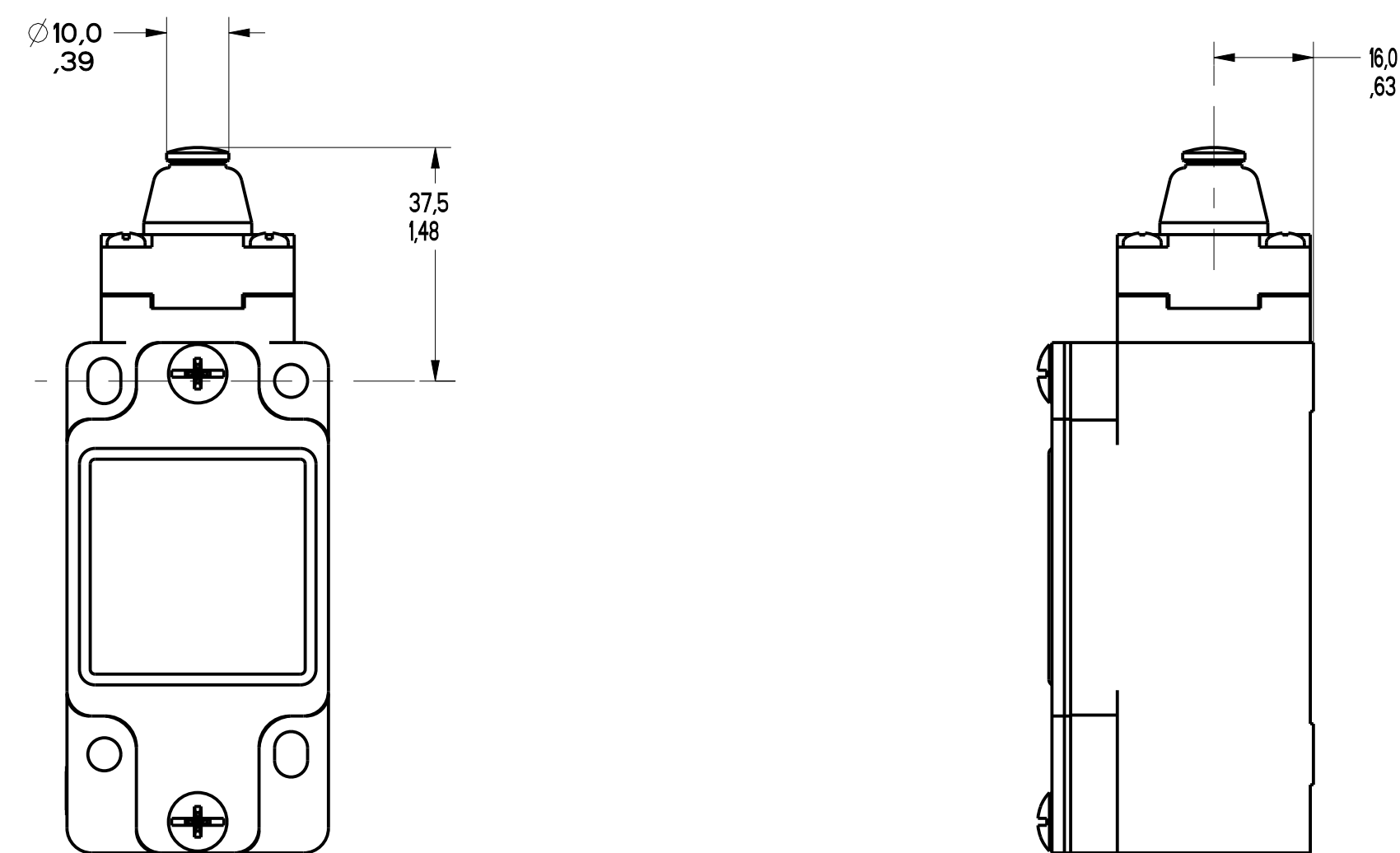


FIGURE 4 - TOP PIN PLUNGER HEAD  
OTHERWISE REFER TO  
FIGURE 1

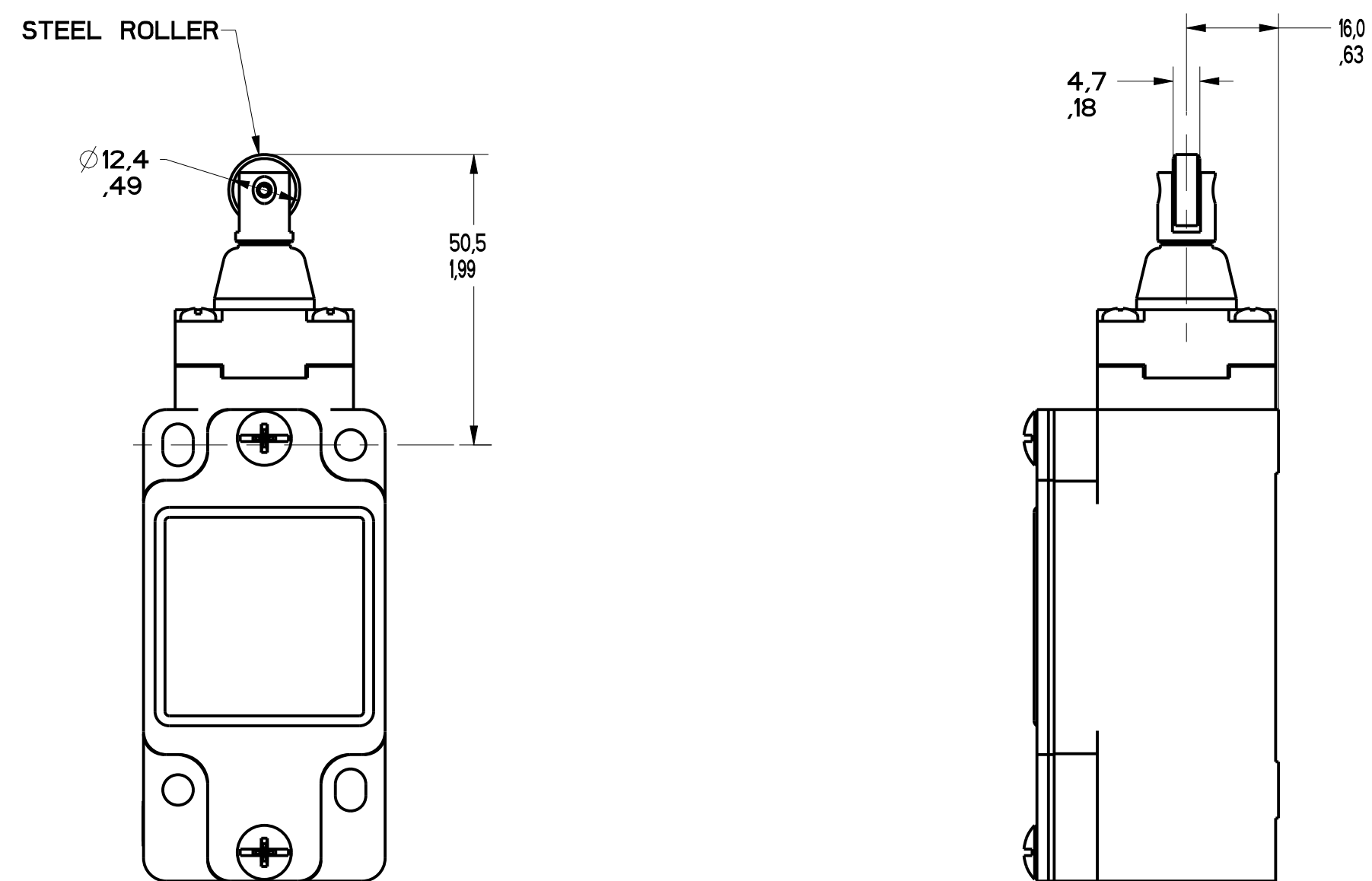


FIGURE 5 - TOP ROLLER PLUNGER HEAD  
OTHERWISE REFER TO  
FIGURE 1

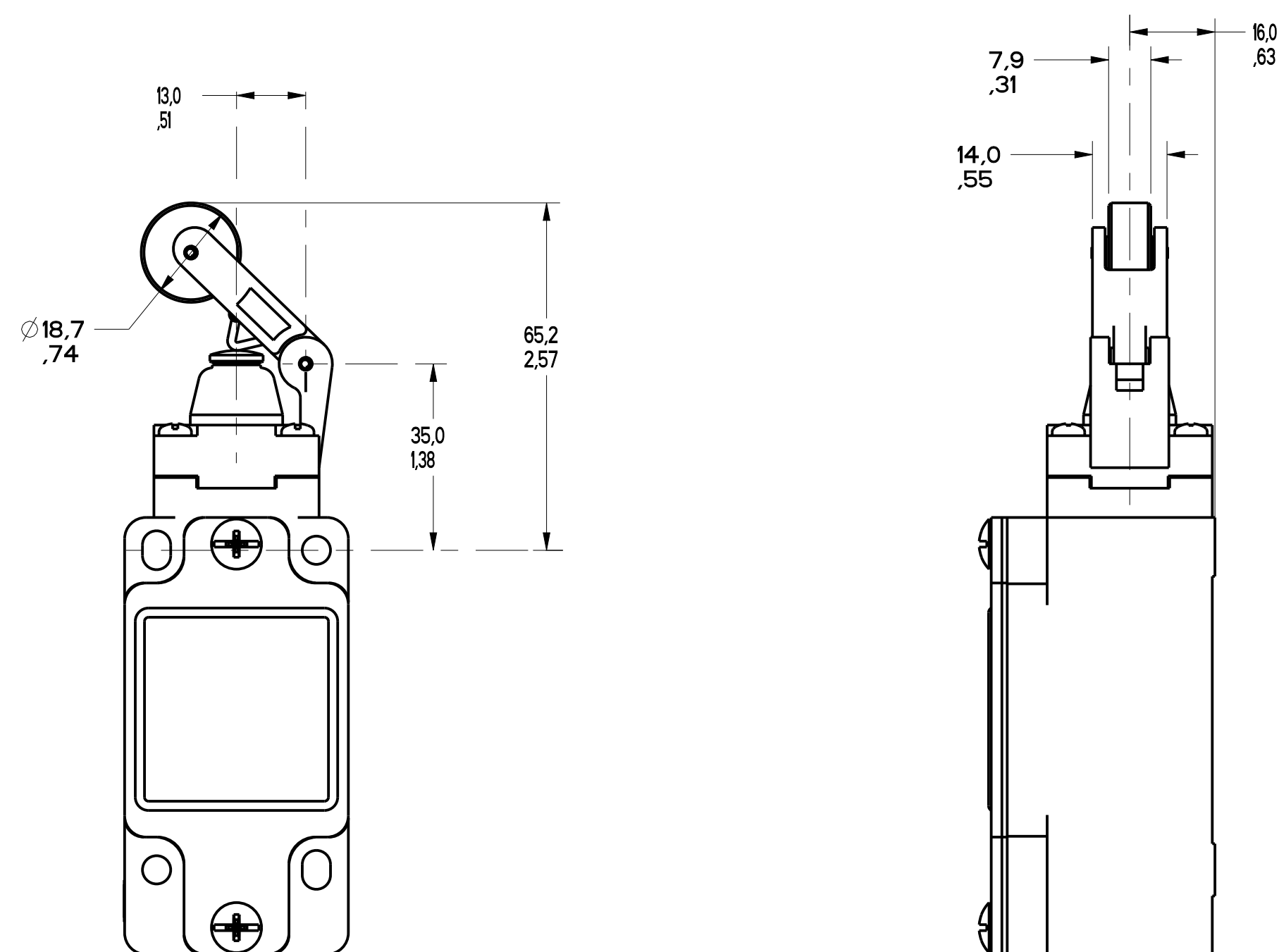


FIGURE 6 - TOP LEVER HEAD,  
OTHERWISE REFER TO  
FIGURE 1

MGL SERIES CHART 1  
 DRAWING NUMBER: 2 OF 13  
 ISSUE: 16  
 CHECK: CMH  
 RELEASE NO.: PR-20782  
 P.T.C./CAD  
 W.L.S. 26 AUG 83  
 CHECK: G.H.  
 12 OCT 82  
 APPROVALS:  
 I 0000461  
 C 0022986  
 H 0022759  
 J 0037216  
 K 0043629  
 S 0022608  
 I 0046895  
 V 0011800  
 M 0013059  
 N 0004510  
 S 00120012

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<b>MICRO SWITCH</b> a Honeywell Division		<b>SWITCH, ENCLOSED</b>	
		<b>GL SERIES CHART 1</b>	
DESIGN UNITS <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY <input type="checkbox"/>			
WEIGHT			

THIRD ANGLE PROJECTION				
SCALE 1 : 1				
DO NOT SCALE PRINT				
TOLERANCES				
APPLY TO DESIGN UNITS. CONCESSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE:				
	DIM	TOL.	DIM	TOL.
NO PLACES	X	12.04	X	0.40
ONE PLACE	X	0.40	X	0.15
TWO PLACES	X	0.15	X	0.05
THREE PLACES	X	±0.025	X	±0.010
ANGLES				±2°

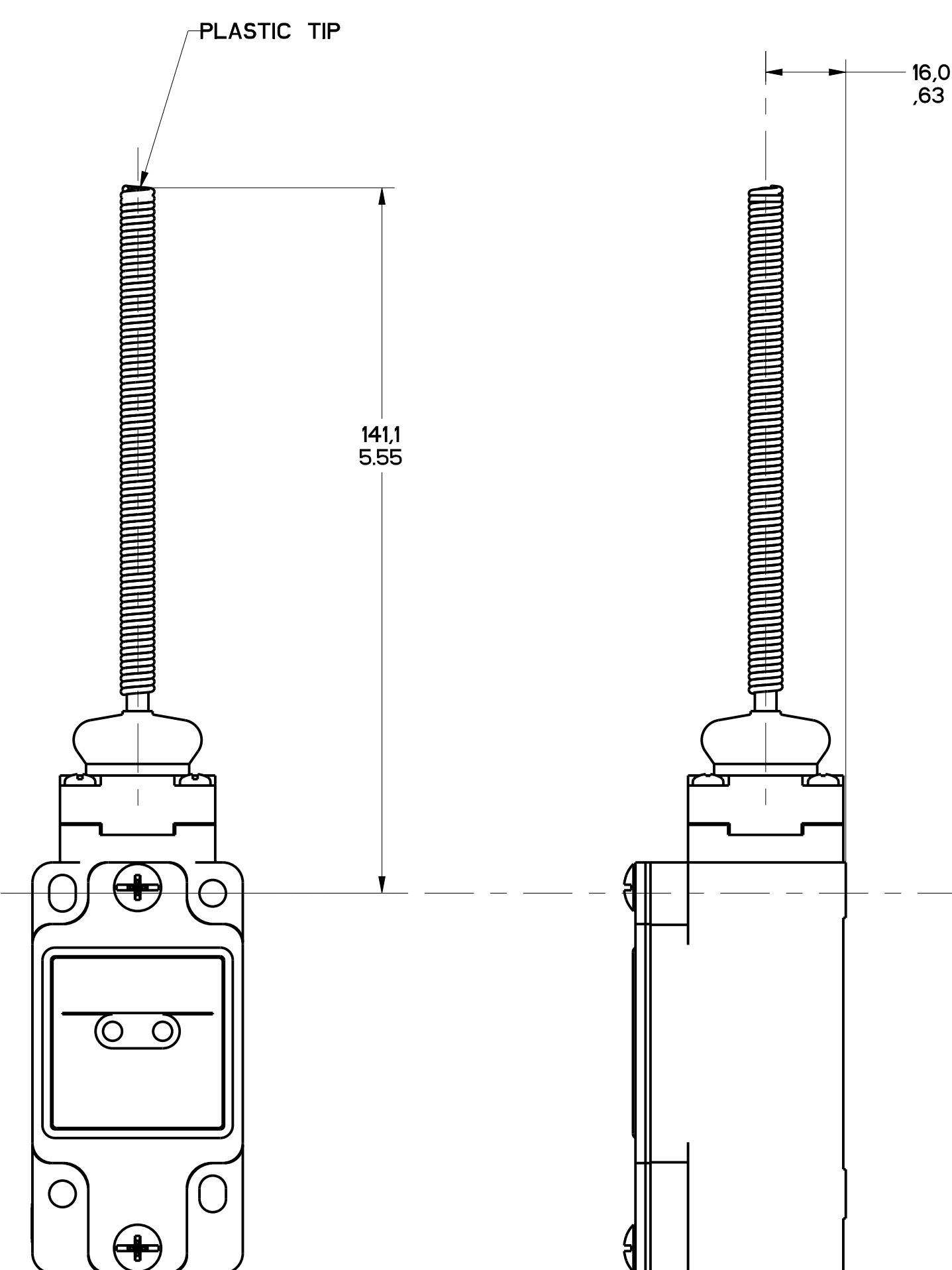


FIGURE 7 - WOBBLE HEAD, AND CAT WISKER HEAD COIL ACTUATOR, OTHERWISE REFER TO FIGURE 1

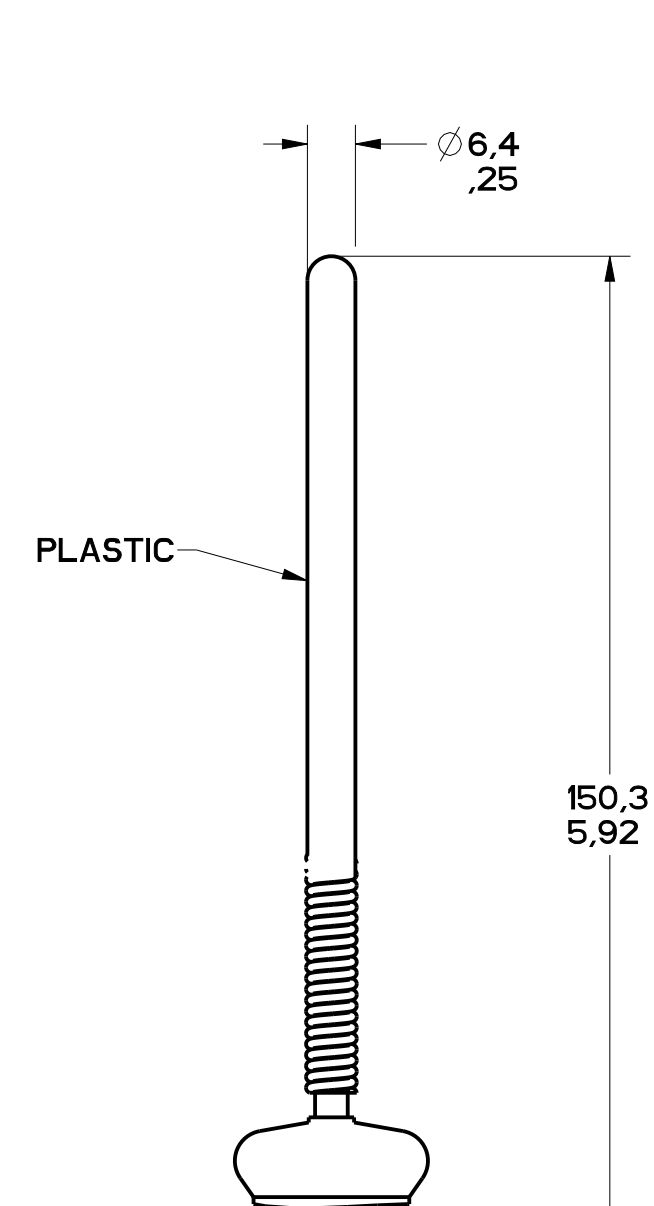


FIGURE 7A - WOBBLE HEAD, PLASTIC ACTUATOR, OTHERWISE SAME AS FIGURE 7

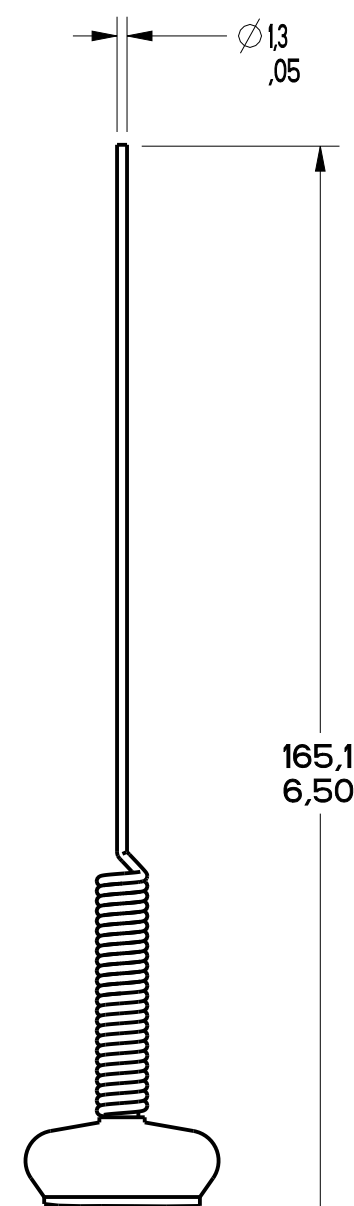


FIGURE 7B - WOBBLE HEAD, STAINLESS STEEL SPRING ACTUATOR, OTHERWISE SAME AS FIGURE 7

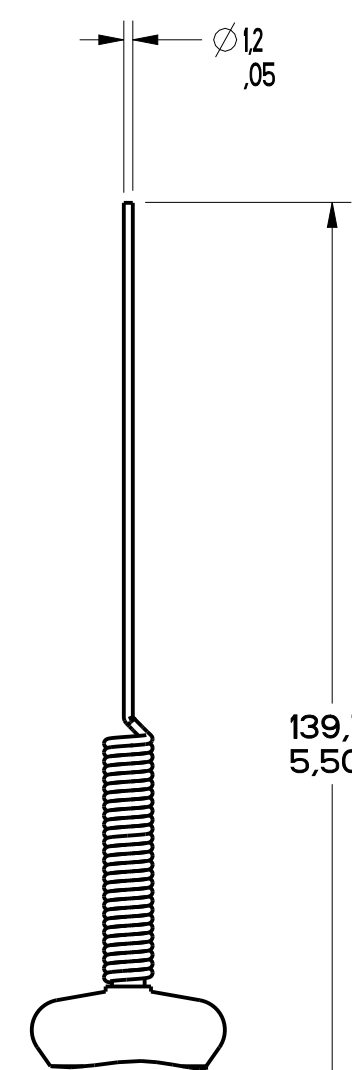


FIGURE 7C - CAT WHISKER ACTUATOR, STAINLESS STEEL SPRING, OTHERWISE SAME AS FIGURE 7

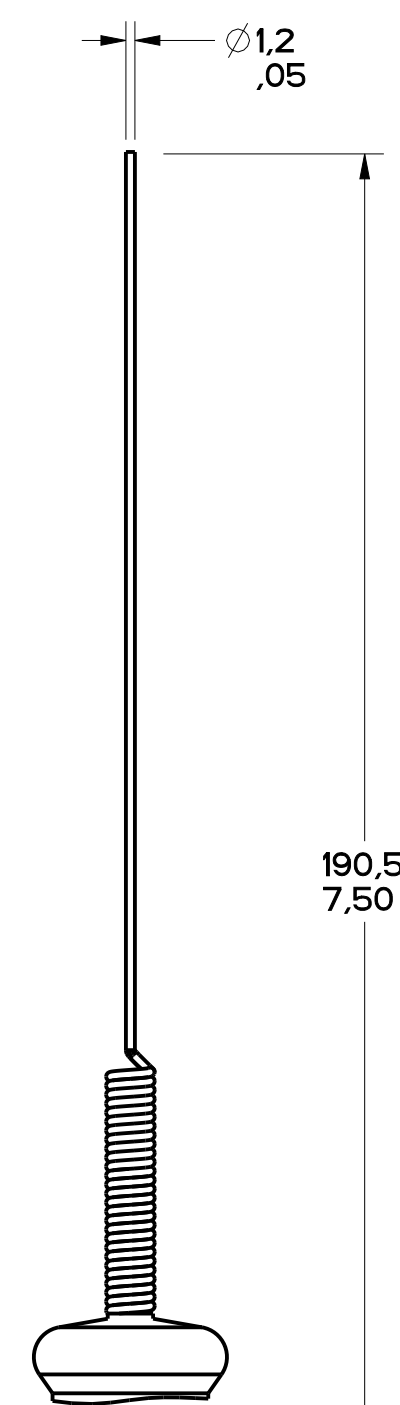


FIGURE 7D - CAT WHISKER ACTUATOR, STAINLESS STEEL SPRING, OTHERWISE SAME AS FIGURE 7

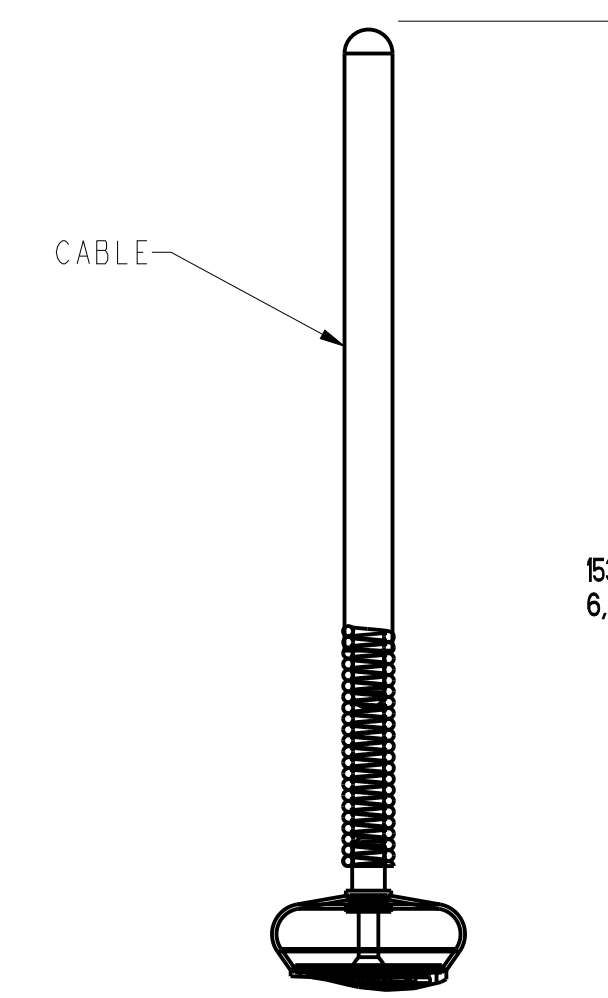


FIGURE 7E - CABLE WOBBLE ACTUATOR, OTHERWISE SAME AS FIGURE 7

MGL SERIES CHART 1  
 DRAWING NUMBER: 3 OF 13  
 RELEASE NO. PR-21557  
 REPLACES  
 ISSUE 16  
 DATE: 02/28/86  
 CHECKED: CMH  
 DATE: 28 JAN 84  
 DESIGNED: J. J. LONZ  
 DATE: 08/23/59  
 DRAWN: P.T.C./CAD  
 DATE: 07/28/80  
 CHECKED: CMH  
 DATE: 05 OCT 10  
 APPROVED: S. A. V.  
 DATE: 07 MAY 95

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DESIGN UNITS: <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY		GL SERIES CHART 1	
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:		THIRD ANGLE PROJECTION SCALE: 1:1 DO NOT SCALE PRINT	
NO PLACES	X	TOL.	±.04
ONE PLACE	X, .1X	TOL.	±.04
TWO PLACES	X, .1X	TOL.	±.04
THREE PLACES	X, .1X	TOL.	±.04
ANGLES		TOL.	±2°

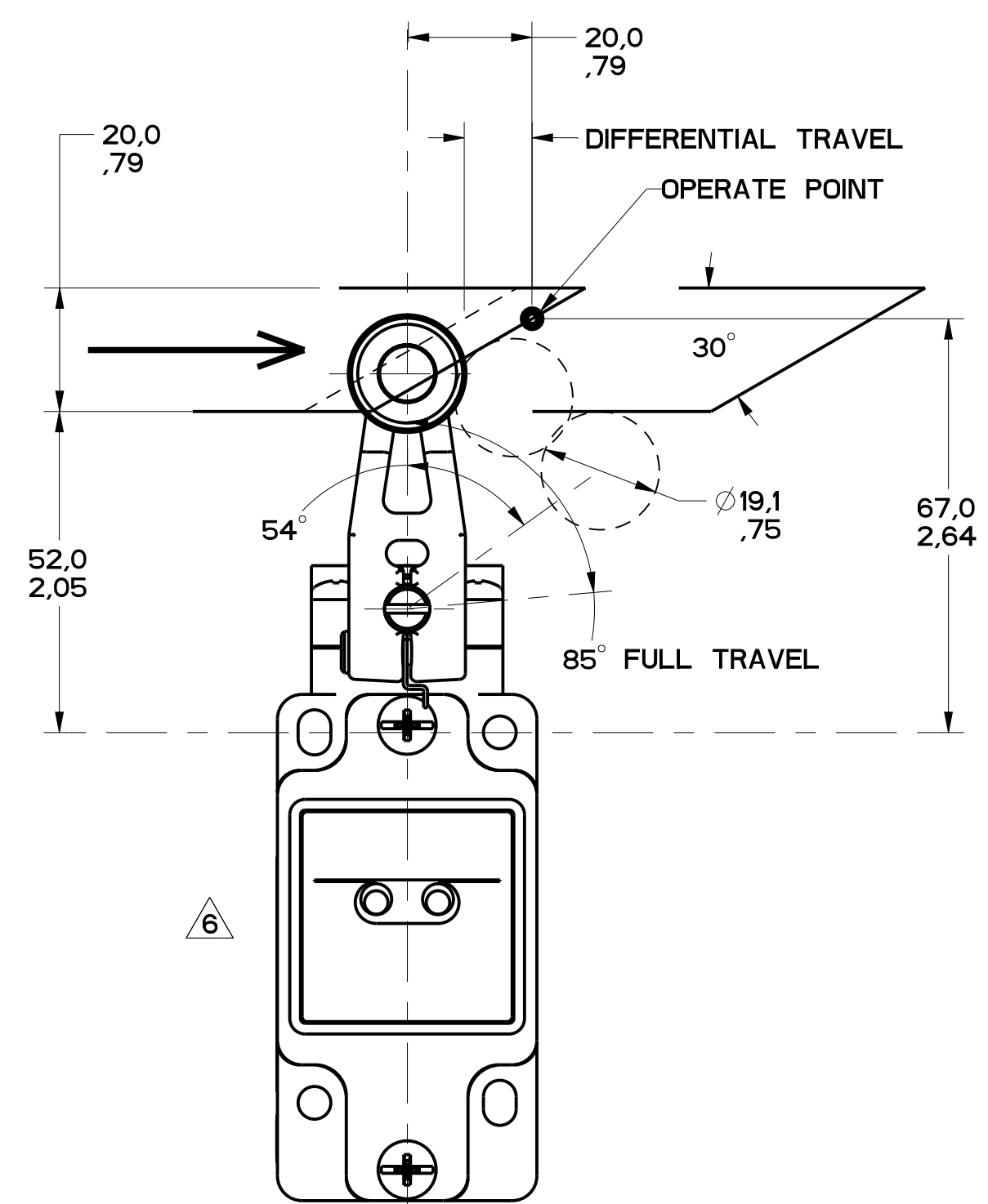


FIGURE 8

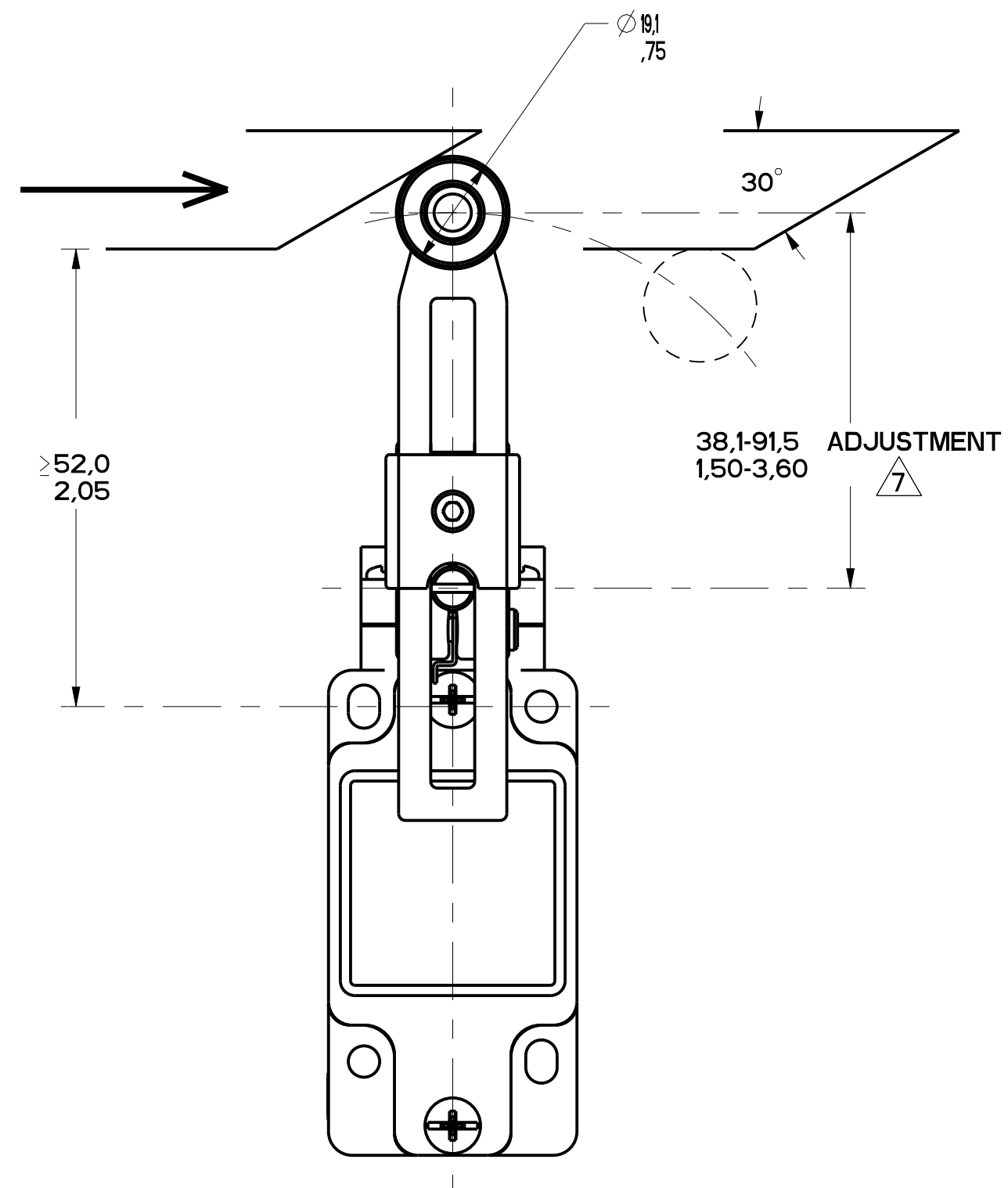


FIGURE 9

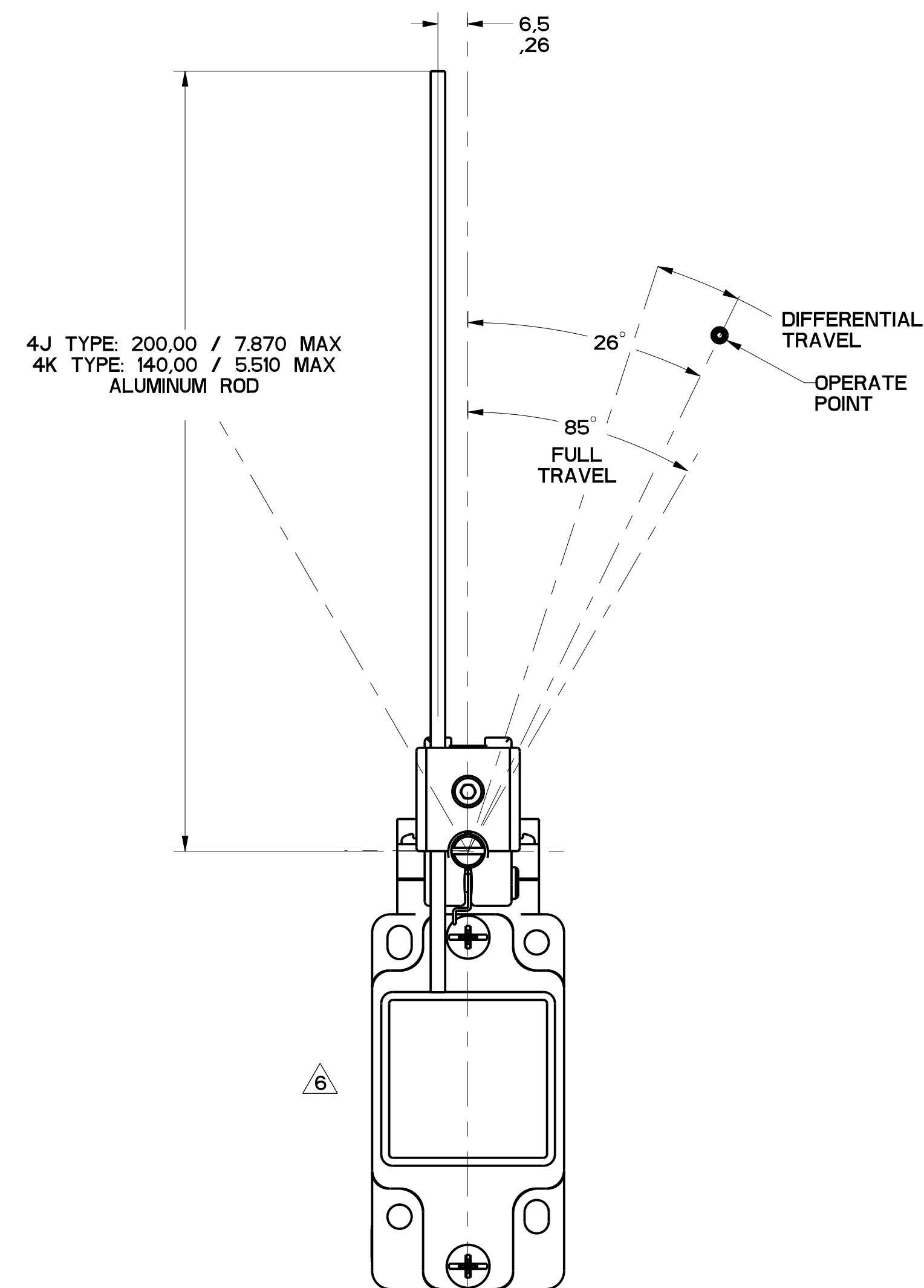


FIGURE 10

MGL SERIES CHART 1  
PAGE 4 OF 13

ISSUE	DATE	BY	CHKD
16			
DRAWING NUMBER: 1200112			
RELEASE NO.: PR-20782			
CHECK: CMH			
REV. NO.: 0002786			
REV. DATE: 20 JAN 84			
REV. BY: 0023759			
REV. DATE: 07 MAR 86			
REV. BY: 0037216			
REV. DATE: 08 FEB 88			
REV. BY: 0042629			
REV. DATE: 05 FEB 88			
REV. BY: 0048605			
REV. DATE: 07 FEB 89			
REV. BY: 0075059			
REV. DATE: 08 FEB 89			
REV. BY: 0084570			
REV. DATE: 08 FEB 89			
REV. BY: 1200112			
REV. DATE: 02 MAR 86			
REV. BY: DVM			
REV. DATE: 07 AUG 86			
REV. BY: PTC/CAD			
REV. DATE: 27 MAR 86			
REV. BY: S.A.V.			
REV. DATE: 27 MAR 86			

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**SWITCH, ENCLOSED**

**GL SERIES CHART 1**

THIRD ANGLE PROJECTION			
SCALE: 1:1			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONCESSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE:			
NO PLACES	X	12.00	±.01
ONE PLACE	X, XX	0.40-0.60	±.005
TWO PLACES	X, XX	0.157-0.008	±.0005
THREE PLACES	X, XX		±.0001
ANGLES		±2'	
DESIGN UNITS	SI METRIC <input checked="" type="checkbox"/>		US CUSTOMARY <input type="checkbox"/>
WEIGHT			

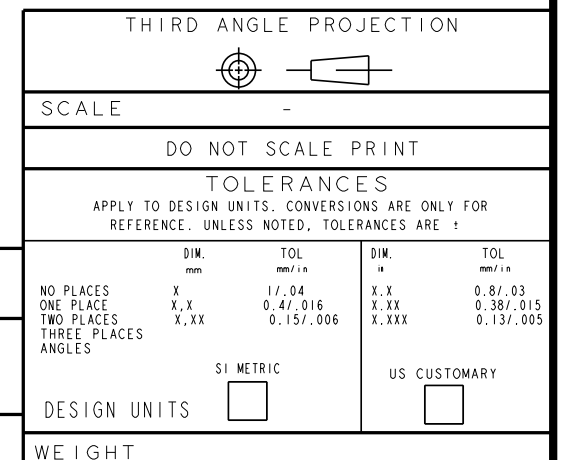
**FIGURES 8, 9, 10 SIDE ROTARY HEAD, ANGULAR ACTUATION**

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	MAXIMUM DISCONNECT TORQUE	MAX OPERATE DEGREE/S	MIN OPERATE DEGREE/S	MAX OPERATE FREQUENCY OPS/MIN
			N-m LB-IN	N-m LB-IN			
GL**01A GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 26° 55**° 85° 13-14 12° DIFFERENTIAL TRAVEL	.330 2.9	.385 3.4	1290	13	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 26**° 85° 13-14 38°	.330 2.9	.385 3.4	1290	13	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 38**° 85° 13-14 26°	.330 2.9	.400 3.5	1290	13	250
GL**05A GL**35A	SLOW ACTING 	 13-14 38° 85° 23-24	.330 2.9	.385 3.4	1290	13	250
GL**06A GL**36A	SLOW ACTING 	 11-12 26**° 85° 21-22	.330 2.9	.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	.330 2.9	.385 3.4	1290	13	250
GL**21A GL**25A GL**28A GL**31A	SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL STEP 1 STEP 2 	 11-12 27 42 13-14 21-22 23-24 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	.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	MAXIMUM DISCONNECT FORCE	MAX OPERATE VEL	MIN OPERATE VEL	MAX OPERATE FREQUENCY
			N LB	N LB	m/S in/S	mm/S in/S	OPS/MIN
GL**01A GL**07A	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 20 56** 13-14 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**03A GL**33A	SLOW ACTING BREAK BEFORE MAKE 	 21-22 20** 13-14 32	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 32 13-14 20	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**05A GL**35A	SLOW ACTING 	 13-14 32° 85° 23-24	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**06A GL**36A	SLOW ACTING 	 11-12 20** 21-22	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 20 56** 13-14, 23-24 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.8 2.7	.85 33.5	8.5 .33	250
GL**21A GL**25A GL**28A GL**31A	SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL STEP 1 STEP 2 	 11-12 20 38.5 13-14 21-22 23-24 8.5 DIFFERENTIAL TRAVEL 7 DIFFERENTIAL TRAVEL	9.7 2.2	N/A	.85 33.5	8.5 .33	250
GL**26J GL**27J GL**29J GL**30J	SNAP ACTION CONTACTS DOUBLE POLE CENTER NEUTRAL CCW CW 	 11-12 16 13-14 21-22 23-24 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	9.7 2.2	N/A	.85 33.5	8.5 .33	250

MGL SERIES CHART 1  
 DRAWING NUMBER 5 OF 13  
 RELEASE NO. PR-20782  
 ISSUE 16  
 PTC/CAD DRAWN  
 W. L. S. 26AUG93 CHECK  
 G.H. 12OC112  
 P. 0223759  
 D. 0716086  
 J. 0037216  
 S. 0811888  
 K. 0042629  
 L. 0446053  
 M. 0178809  
 N. 0094570  
 P. 0716086  
 Q. 00110  
 R. 0094570  
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 BV. 0716086



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CATALOG LISTING  
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**SWITCH, ENCLOSED**  
**GL SERIES CHART 1**

ANSI Y14.5M-1982 APPLIES

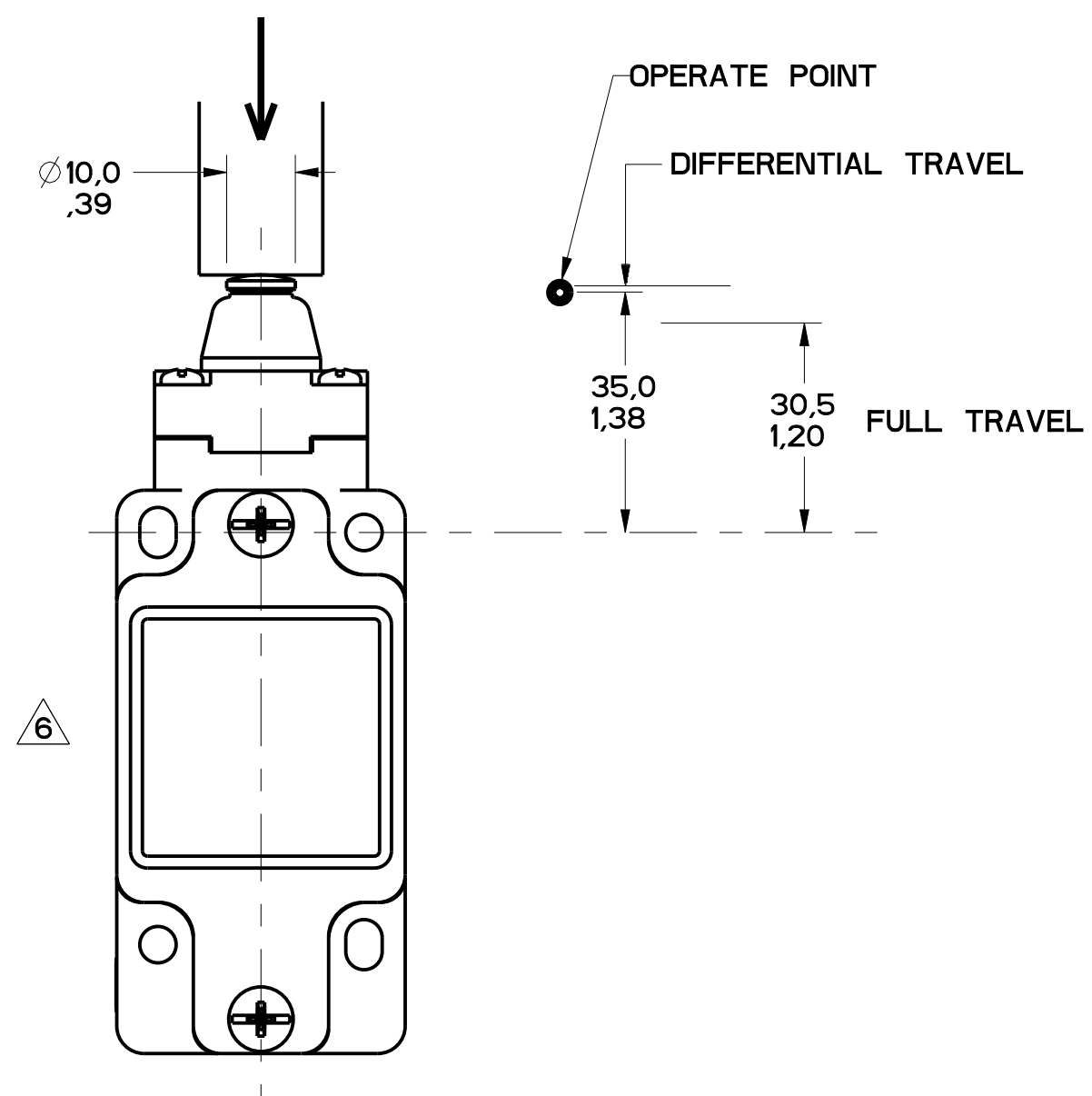


FIGURE 11

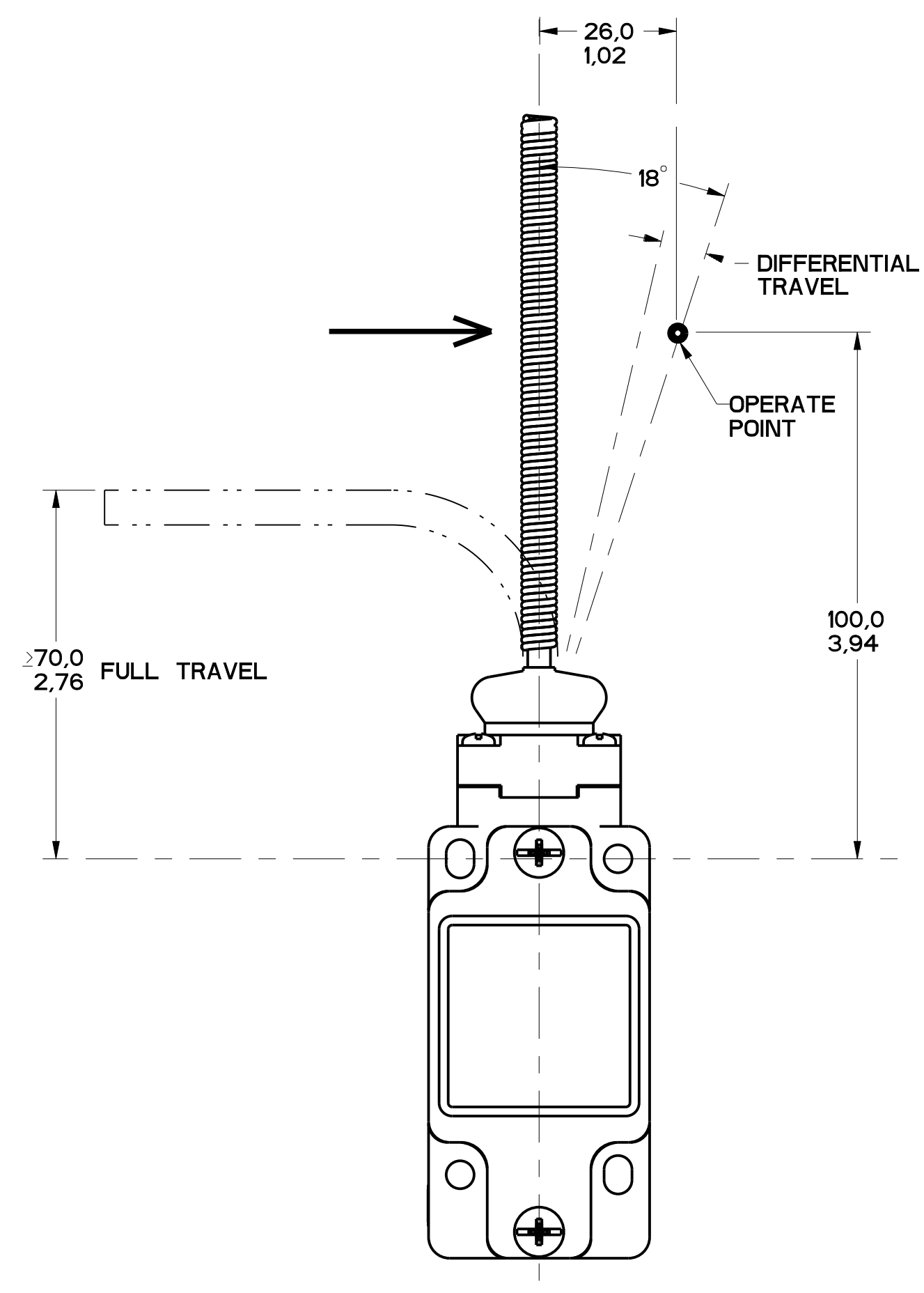


FIGURE 12

MGL SERIES CHART 1  
 DRAWING NUMBER: 6 OF 13  
 RELEASE NO. PR-20782  
 PAGES: 16  
 ISSUE: CMH  
 CHECK: CMH  
 DATE: 05 OCT 10  
 CHECK: CMH  
 DATE: 26 AUG 93  
 CHECK: G.H.  
 DATE: 0804570  
 DATE: 1206112  
 P.T.C./CAD: 3D  
 DRAWN: W.L.S.  
 CHECK: G.H.

REV	DESCRIPTION	DATE	BY	CHKD
1	0005041	01 JUN 83	W.L.S.	W.L.S.
2	0007986	20 JAN 84	W.L.S.	W.L.S.
3	0023759	07 AUG 86	W.L.S.	W.L.S.
4	0037216	08 FEB 88	W.L.S.	W.L.S.
5	0043629	05 FEB 88	W.L.S.	W.L.S.
6	0048605	07 FEB 89	W.L.S.	W.L.S.
7	007800	07 FEB 89	W.L.S.	W.L.S.
8	007800	07 FEB 89	W.L.S.	W.L.S.
9	0084570	08 FEB 88	W.L.S.	W.L.S.
10	1206112	1206112	W.L.S.	W.L.S.

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DESIGN UNITS: SI METRIC <input checked="" type="checkbox"/> US CUSTOMARY <input type="checkbox"/>		TOLERANCES: DO NOT SCALE PRINT		TOLERANCES: DO NOT SCALE PRINT	
WEIGHT:		TOLERANCES: DO NOT SCALE PRINT		TOLERANCES: DO NOT SCALE PRINT	

FIGURES 11, PIN PLUNGER HEAD, LINEAR 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 $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{MM}{S}$ $\frac{IN}{S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01B GL**07B	SNAP - ACTION CONTACTS SINGLE POLE 	37.5 35 33** 30.5 21-22 13-14 0.9 DIFFERENTIAL TRAVEL	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**03B GL**33B	SLOW ACTING BREAK BEFORE MAKE 	37.5 35** 30.5 21-22 13-14 34	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**04B GL**34B	SLOW ACTING MAKE BEFORE BREAK 	37.5 34** 30.5 21-22 13-14 35	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**05B GL**35B	SLOW ACTING 	37.5 34 30.5 13-14 23-24	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**06B GL**36B	SLOW ACTING 	37.5 35** 30.5 11-12 21-22 34	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**20B GL**22B GL**24B GL**32B	SNAP ACTION CONTACTS DOUBLE POLE 	37.5 35 33** 30.5 11-12, 21-22 13-14, 23-24 0.9 DIFFERENTIAL TRAVEL	$\frac{16}{3.6}$	$\frac{37}{8.2}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**21B GL**25B GL**28B GL**31B	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 	37.5 35 33.8 30.5 11-12 13-14 21-22 23-24 .8 DIFFERENTIAL TRAVEL	$\frac{16}{3.6}$	N/A	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250

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 $\frac{N-m}{LB/in}$	MAXIMUM DISCONNECT TORQUE $\frac{N-m}{LB/in}$	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 	21-22 13-14 18° 8° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**03E GL**33E	SLOW ACTING BREAK BEFORE MAKE 	21-22 13-14 0° 18° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 	21-22 13-14 0° 18° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**05E GL**35E	SLOW ACTING 	13-14 23-24 0° 25° 35°	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**06E GL**36E	SLOW ACTING 	11-12 21-22 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 	11-12, 21-22 13-14, 23-24 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 $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{MM}{S}$ $\frac{IN}{S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01E GL**07E	SNAP - ACTION CONTACTS SINGLE POLE 	21-22 13-14 26 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 13-14 26.5 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 	21-22 13-14 26.5 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05E GL**35E	SLOW ACTING 	13-14 23-24 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06E GL**36E	SLOW ACTING 	11-12 21-22 26.5	$\frac{2.5}{0.6}$	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 13-14, 23-24 26	$\frac{2.5}{0.6}$	N/A	360	8	100

MGL SERIES CHART 1  
 DRAWING NUMBER: 7 OF 13  
 RELEASE NO. PR-201782  
 CHECK: CMH  
 DATE: 05 OCT 10  
 CHECK: CMH  
 DATE: 26 AUG 93  
 PTC/CAD  
 DRAWN: W.L.S.  
 DATE: 20 AUG 93  
 CHECK: G.H.  
 DATE: 12 OCT 12

THIRD ANGLE PROJECTION

SCALE: -

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TOLERANCES  
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NO. PLACES	FR.	IN.	NO. PLACES	FR.	IN.
TWO	0.0005	0.0005	TWO	0.0005	0.0005
THREE	0.0001	0.0001	THREE	0.0001	0.0001
FOUR	0.00005	0.00005	FOUR	0.00005	0.00005

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**SWITCH, ENCLOSED**

**GL SERIES CHART 1**

WEIGHT

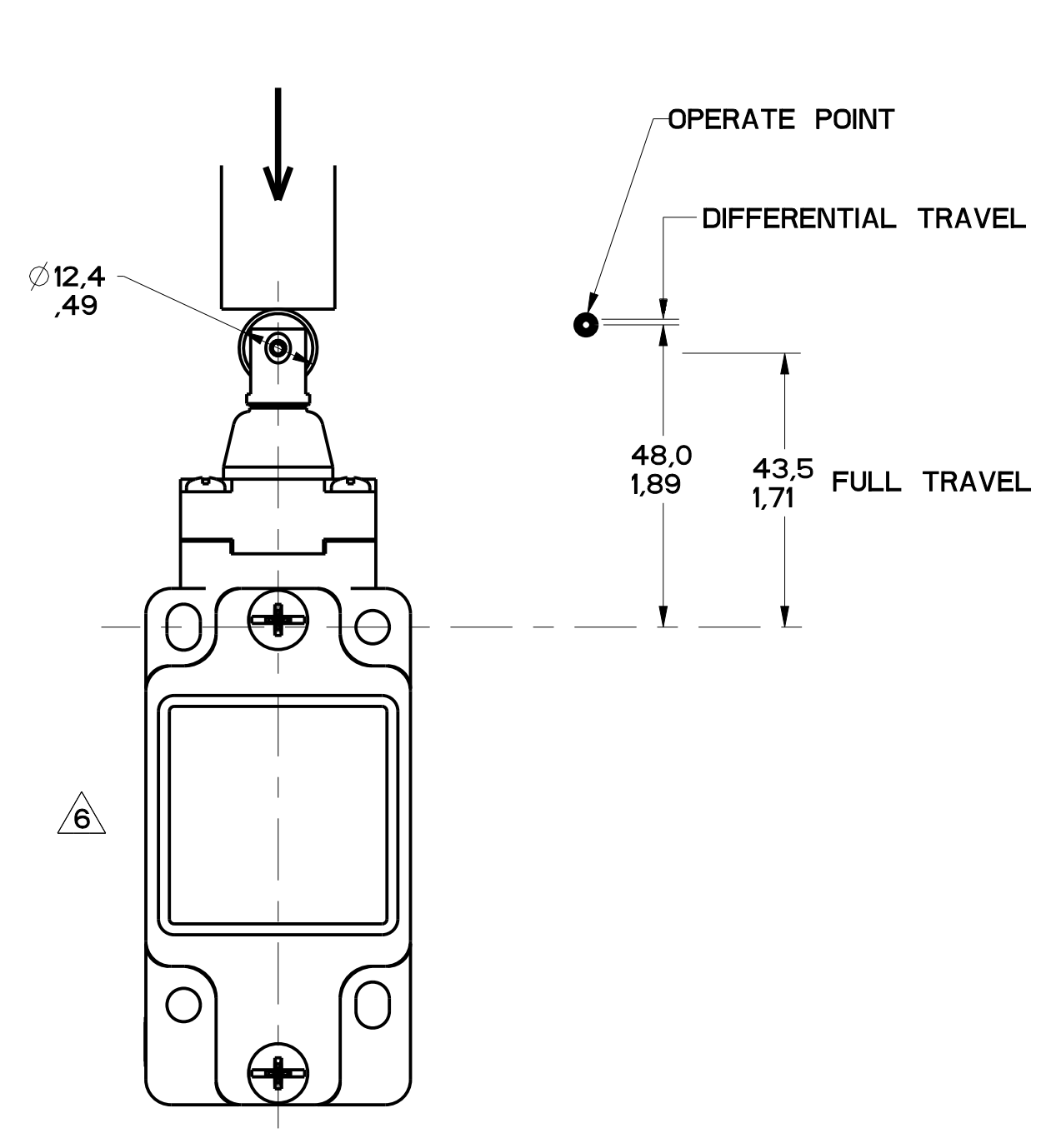


FIGURE 13A

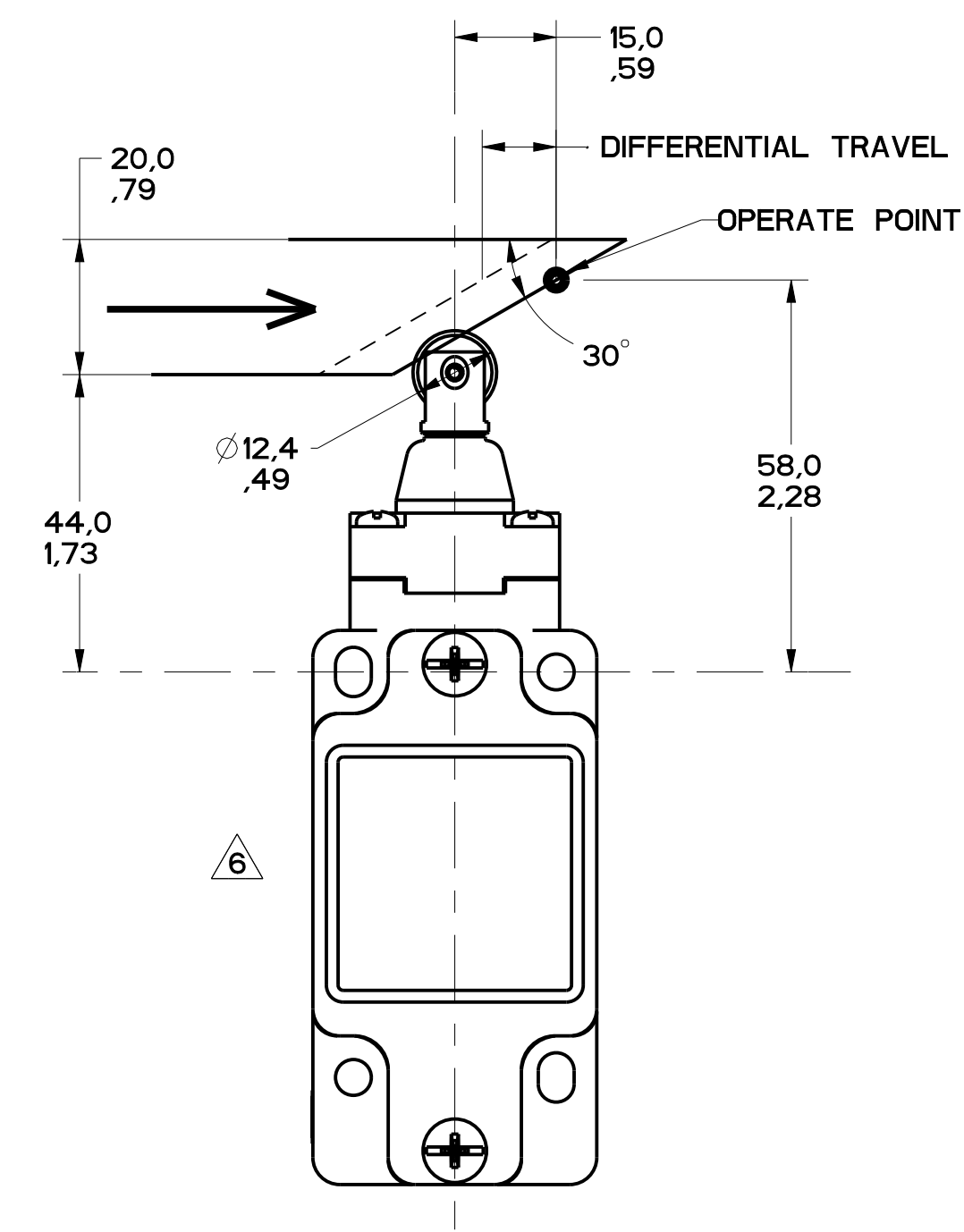


FIGURE 13B

MGL SERIES CHART 1  
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 RELEASE NO. PR-20782  
 ISSUE: 16  
 CHECK: CMH  
 DATE: 20 APR 83  
 P.T.C./CAD  
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REV	DATE	BY	CHKD
1	0005041	WLS	WLS
2	01 JUN 83	WLS	WLS
3	0027986	WLS	WLS
4	20 JAN 84	WLS	WLS
5	0023759	WLS	WLS
6	07 AUG 86	WLS	WLS
7	0037216	WLS	WLS
8	01 FEB 88	WLS	WLS
9	0042629	WLS	WLS
10	05 FEB 88	WLS	WLS
11	0048605	WLS	WLS
12	07 FEB 89	WLS	WLS
13	0073059	WLS	WLS
14	03 OCT 10	WLS	WLS
15	0094510	WLS	WLS
16	12 OCT 12	WLS	WLS

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SWITCH, ENCLOSED		GL SERIES CHART 1	
DESIGN UNITS: <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY		TOLERANCES: APPLY TO DESIGN UNITS. CONCESSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE:	
NO PLACES	1X	±.04	±.04
ONE PLACE	1X	±.02	±.02
TWO PLACES	1X	±.01	±.01
THREE PLACES	1X	±.005	±.005
ANGLES	±.2°		
WEIGHT		THIRD ANGLE PROJECTION	
SCALE: 1:1		DO NOT SCALE PRINT	



FIGURE 13A, ROLLER PLUNGER HEAD, 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 $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{MM}{S}$ $\frac{IN}{S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01C GL**07C	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**03C GL**33C	SLOW ACTING BREAK BEFORE MAKE 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**04C GL**34C	SLOW ACTING MAKE BEFORE BREAK 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**05C GL**35C	SLOW ACTING 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**06C GL**36C	SLOW ACTING 		$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**20C GL**22C GL**24C GL**32C	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{16}{3.6}$	$\frac{37}{8.2}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**21C GL**25C GL**28C GL**31C	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 		$\frac{16}{3.6}$	N/A	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250

FIGURE 13B, TOP ROLLER PLUNGER HEAD, CAM ACTUATION PER EN50041

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 $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{MM}{S}$ $\frac{IN}{S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01C GL**07C	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**03C GL**33C	SLOW ACTING BREAK BEFORE MAKE 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**04C GL**34C	SLOW ACTING MAKE BEFORE BREAK 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**05C GL**35C	SLOW ACTING 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**06C GL**36C	SLOW ACTING 		$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**20C GL**22C GL**24C GL**32C	SNAP ACTION CONTACTS DOUBLE POLE 		$\frac{9.3}{2.1}$	$\frac{21.4}{4.8}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**21C GL**25C GL**28C GL**31C	STEP 1 STEP 2 SNAP ACTION CONTACTS DOUBLE POLE SEQUENTIAL 		$\frac{9.3}{2.1}$	N/A	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250

MGL SERIES CHART 1  
 DRAWING NUMBER: 9 OF 13  
 RELEASE NO. PR-20782  
 DATE: 05 OCT 12  
 CHECK: CMH  
 PTC/CAD: W.L.S. 05 MAR 01  
 DRAWN: W.L.S. 05 MAR 01  
 CHECK: SAV  
 DATE: 05 OCT 12

REV	DATE	BY	CHKD
1	080504	WLS	WLS
2	080503	WLS	WLS
3	080786	WLS	WLS
4	080804	WLS	WLS
5	082359	WLS	WLS
6	082606	WLS	WLS
7	083716	WLS	WLS
8	084608	WLS	WLS
9	084605	WLS	WLS
10	087809	WLS	WLS
11	087809	WLS	WLS
12	087809	WLS	WLS
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22	087809	WLS	WLS
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27	087809	WLS	WLS
28	087809	WLS	WLS
29	087809	WLS	WLS
30	087809	WLS	WLS

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**GL SERIES CHART 1**

SI METRIC  US CUSTOMARY

DESIGN UNITS: ±.02

WEIGHT

NO. PLACES	TOL.	NO. PLACES	TOL.	NO. PLACES	TOL.
ONE PLACES	±.04	TWO PLACES	±.02	THREE PLACES	±.01
FOUR PLACES	±.01	FIVE PLACES	±.005	SIX PLACES	±.002
SEVEN PLACES	±.001	EIGHT PLACES	±.0005	NINE PLACES	±.0002
TEN PLACES	±.0001	ELEVEN PLACES	±.00005	TWELVE PLACES	±.00002

THIRD ANGLE PROJECTION

SCALE: -

DO NOT SCALE PRINT

TOLERANCES  
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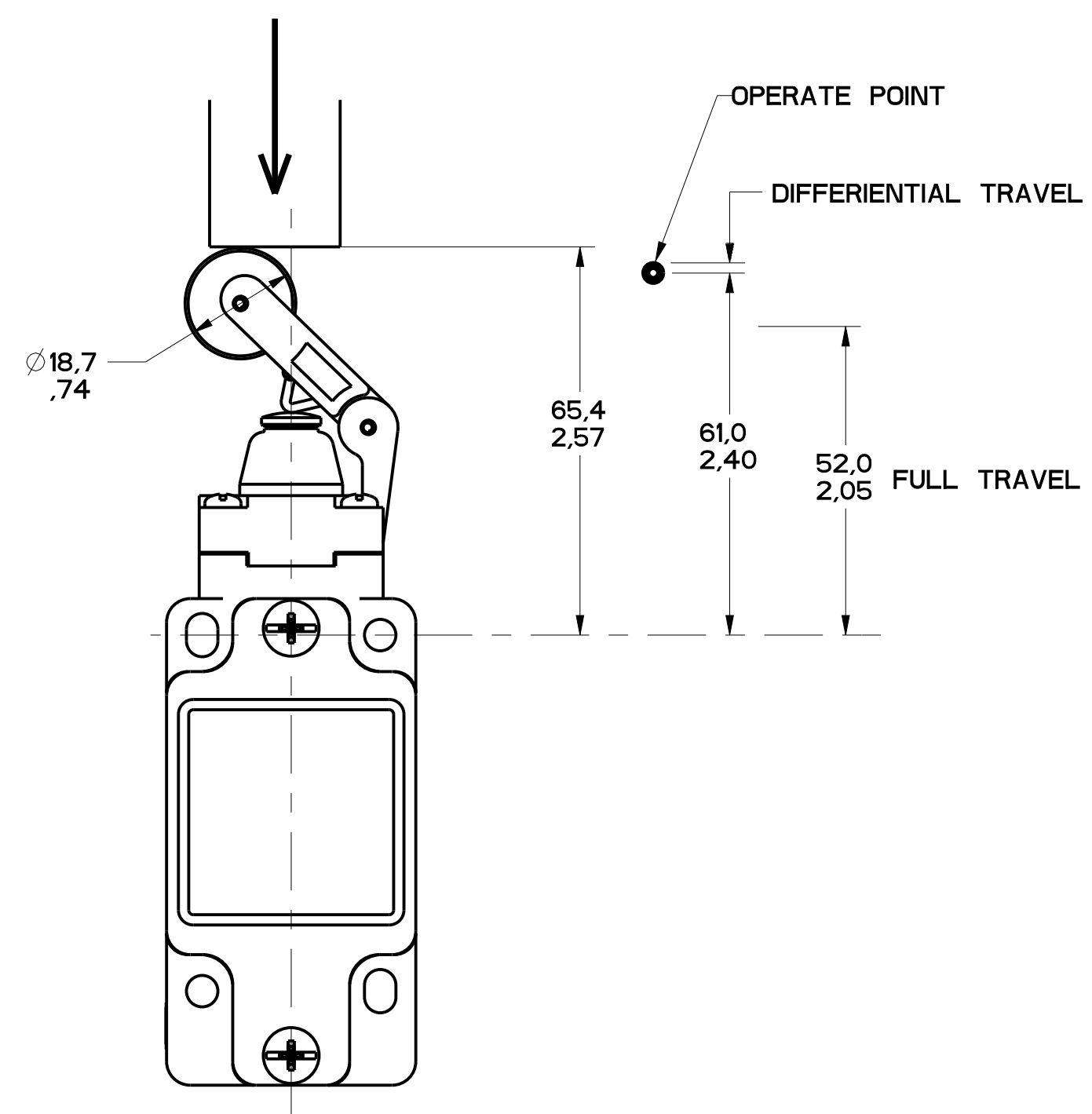


FIGURE 14A

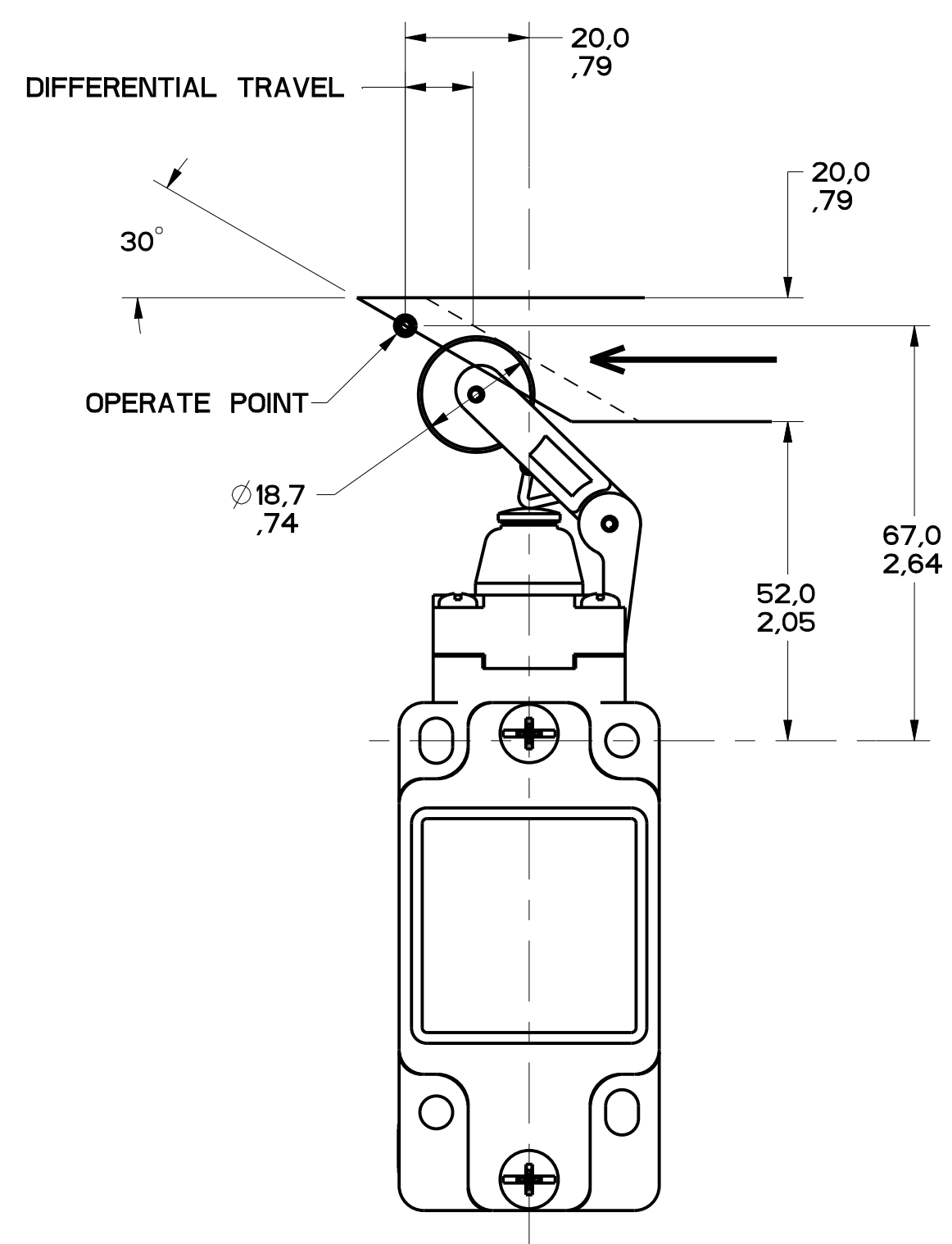


FIGURE 14B

MGL SERIES CHART 1  
 DRAWING NUMBER: 10 OF 13  
 ISSUE: 16  
 P.T.C./CAD: 3D  
 DRAWN: G.H. / 02MARCH / 1982  
 CHECK: S.A.V. / 12OCT12 / 1982  
 APPROVED: CMH / 05OCT10 / 1982  
 RELEASE NO.: -  
 REVISIONS:  
 1 0000441 01 JUN83  
 2 0002986 20 JAN84  
 3 0023759 07 JAN86  
 4 0037216 03 FEB88  
 5 0043629 05 FEB88  
 6 0048605 07 FEB89  
 7 0078909 01 MAR89  
 8 0100059 01 MAR89  
 9 0200110 01 MAR89  
 10 0094570 01 MAR89  
 11 0000000 01 MAR89

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TOLERANCES APPLY TO DESIGN UNITS. CONCESSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE:		THIRD ANGLE PROJECTION DO NOT SCALE PRINT	
NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES	SI .005 .01 .02 .05 .1 .15 .2 .3 .5 .75 1 1.5 2 3 5 7.5 10 15 20 30 45 60 90 120 150 180	US .005 .01 .02 .05 .1 .15 .2 .3 .5 .75 1 1.5 2 3 5 7.5 10 15 20 30 45 60 90 120 150 180	WEIGHT

FIGURE 14A, TOP ROLLER LEVER HEAD WITH PIN ACTUATION

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS <small>■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1</small>	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M/S}{IN/S}$	MIN OPERATE VEL $\frac{M/S}{IN/S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 	 65.2 61 56.9** 52 21-22 13-14 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 	 65.2 61** 52 21-22 13-14 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 	 65.2 59.1** 52 21-22 13-14 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 	 65.2 59.1 52 13-14 23-24	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**06D GL**36D	SLOW ACTING 	 65.2 61** 52 11-12 21-22	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 	 65.2 61 56.9** 52 11-12, 21-22 13-14, 23-24 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 	 65.2 61 58.6 11-12 13-14 21-22 23-24 1.6 DIFFERENTIAL TRAVEL 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 <small>■ - CONTACT CLOSED, □ - CONTACT OPEN, ▨ - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1</small>	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M/S}{IN/S}$	MIN OPERATE VEL $\frac{M/S}{IN/S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 	 0 20 29.1** 21-22 13-14 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 	 0 20** 21-22 13-14 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 	 0 24.1** 21-22 13-14 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 	 0 24.1 13-14 23-24	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**06D GL**36D	SLOW ACTING 	 0 20** 11-12 21-22	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 	 0 20 29.1** 11-12, 21-22 13-14, 23-24 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 	 0 20 25.5 11-12 13-14 21-22 23-24 3.7 DIFFERENTIAL TRAVEL 3.7 DIFFERENTIAL TRAVEL	$\frac{5.5}{1.2}$	N/A	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250

MGL SERIES CHART 1  
 DRAWING NUMBER: 11 OF 13  
 PTC/CAD: 3D  
 GH: 05MARC01  
 CHECK: CMH  
 DATE: 05 OCT 12  
 RELEASE NO.:  
 ISSUE: 16  
 REVISIONS:  
 1 0000491  
 2 01 JUN 03  
 3 0002986  
 4 20 JAN 04  
 5 0023759  
 6 07 AUG 06  
 7 0037216  
 8 08 FEB 08  
 9 0043629  
 10 05 FEB 08  
 11 0048605  
 12 0071809  
 13 0170059  
 14 02 OCT 10  
 15 0094570  
 16 05 OCT 12

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a Honeywell Division

**SWITCH, ENCLOSED**

**GL SERIES CHART 1**

SI METRIC  US CUSTOMARY

NO. PLACES	IN	TOL.	MM	TOL.
TWO PLACES	±.01	±.00	±.01	±.01
THREE PLACES	±.005	±.005	±.005	±.005
ANGLES	±.01	±.01	±.01	±.01

DESIGN UNITS:  WEIGHT:

THIRD ANGLE PROJECTION

SCALE: -

DO NOT SCALE PRINT

TOLERANCES  
 APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:

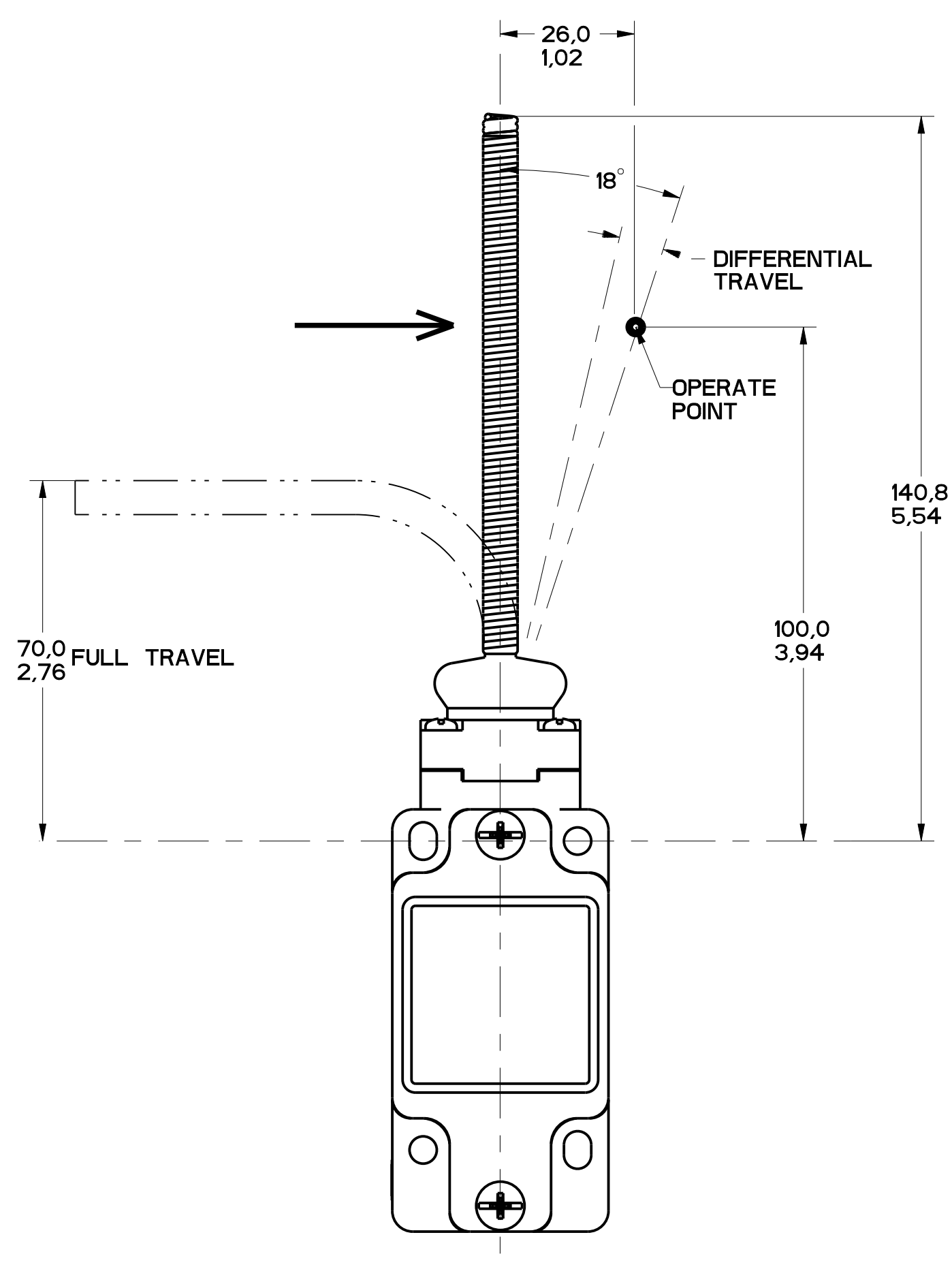


FIGURE 15

DRAWING NUMBER		PAGE 12 OF 13		REPLACES
16				
ISSUE	DATE	BY	CHECK	DESCRIPTION
P.T.C./CAD 3D				
DRAWN				
G.H. 05MARCH 1983 SAV				
CHECK				
S.M. 1202112				
REVISIONS				
NO.	DATE	BY	CHECK	DESCRIPTION
1	040524	W.S.		
2	040524	W.S.		
3	040524	W.S.		
4	040524	W.S.		
5	040524	W.S.		
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94	040524	W.S.		
95	040524	W.S.		
96	040524	W.S.		
97	040524	W.S.		
98	040524	W.S.		
99	040524	W.S.		
100	040524	W.S.		

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FED. MFG. CODE 91929		SWITCH, ENCLOSED	
MICRO SWITCH a Honeywell Division		GL SERIES CHART 1	
DESIGN UNITS		WEIGHT	
SI METRIC <input checked="" type="checkbox"/>		US CUSTOMARY <input type="checkbox"/>	
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:		TOLERANCES	
NO PLACES	X	0.04	0.0015
ONE PLACE	X,1	0.01	0.0005
TWO PLACES	X,11	0.001	0.00015
THREE PLACES	X,111	0.0001	0.000015
ANGLES		±2'	

**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 $\frac{N-m}{LB-IN}$	MAXIMUM DISCONNECT TORQUE $\frac{N-m}{LB-IN}$	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

MGL SERIES CHART 1  
 DRAWING NUMBER: 13 OF 13  
 ISSUE: 16  
 PTC/CAD: 3D  
 GH: 05MARC01  
 SAV: 05MARC01  
 CHECK: CMH  
 POC: 112  
 RELEASE NO.:  
 MICRO SWITCH  
 HONEYWELL

REV	DATE	BY	CHKD	DESCRIPTION
1	080504	PTC	CMH	INITIAL RELEASE
2	080503	PTC	CMH	REVISION
3	080298	PTC	CMH	REVISION
4	080298	PTC	CMH	REVISION
5	080298	PTC	CMH	REVISION
6	080298	PTC	CMH	REVISION
7	080298	PTC	CMH	REVISION
8	080298	PTC	CMH	REVISION
9	080298	PTC	CMH	REVISION
10	080298	PTC	CMH	REVISION
11	080298	PTC	CMH	REVISION
12	080298	PTC	CMH	REVISION
13	080298	PTC	CMH	REVISION
14	080298	PTC	CMH	REVISION
15	080298	PTC	CMH	REVISION
16	080298	PTC	CMH	REVISION
17	080298	PTC	CMH	REVISION
18	080298	PTC	CMH	REVISION
19	080298	PTC	CMH	REVISION
20	080298	PTC	CMH	REVISION

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MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1																	
DESIGN UNITS <input checked="" type="checkbox"/> SI METRIC <input type="checkbox"/> US CUSTOMARY		WEIGHT		TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE, UNLESS NOTED. TOLERANCES ARE:																	
NO PLACES	ONE PLACE	TWO PLACES	THREE PLACES	ANGLES	<table border="1"> <tr> <th>DIM</th> <th>TOL.</th> <th>DIM</th> <th>TOL.</th> </tr> <tr> <td>X</td> <td>±.04</td> <td>X</td> <td>±.01</td> </tr> <tr> <td>X, XX</td> <td>0.15/0.06</td> <td>X, XX</td> <td>0.50/0.15</td> </tr> <tr> <td>X, XXX</td> <td>0.15/0.06</td> <td>X, XXX</td> <td>0.15/0.05</td> </tr> </table>	DIM	TOL.	DIM	TOL.	X	±.04	X	±.01	X, XX	0.15/0.06	X, XX	0.50/0.15	X, XXX	0.15/0.06	X, XXX	0.15/0.05
DIM	TOL.	DIM	TOL.																		
X	±.04	X	±.01																		
X, XX	0.15/0.06	X, XX	0.50/0.15																		
X, XXX	0.15/0.06	X, XXX	0.15/0.05																		



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.