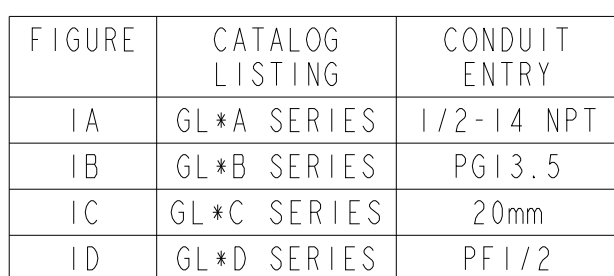
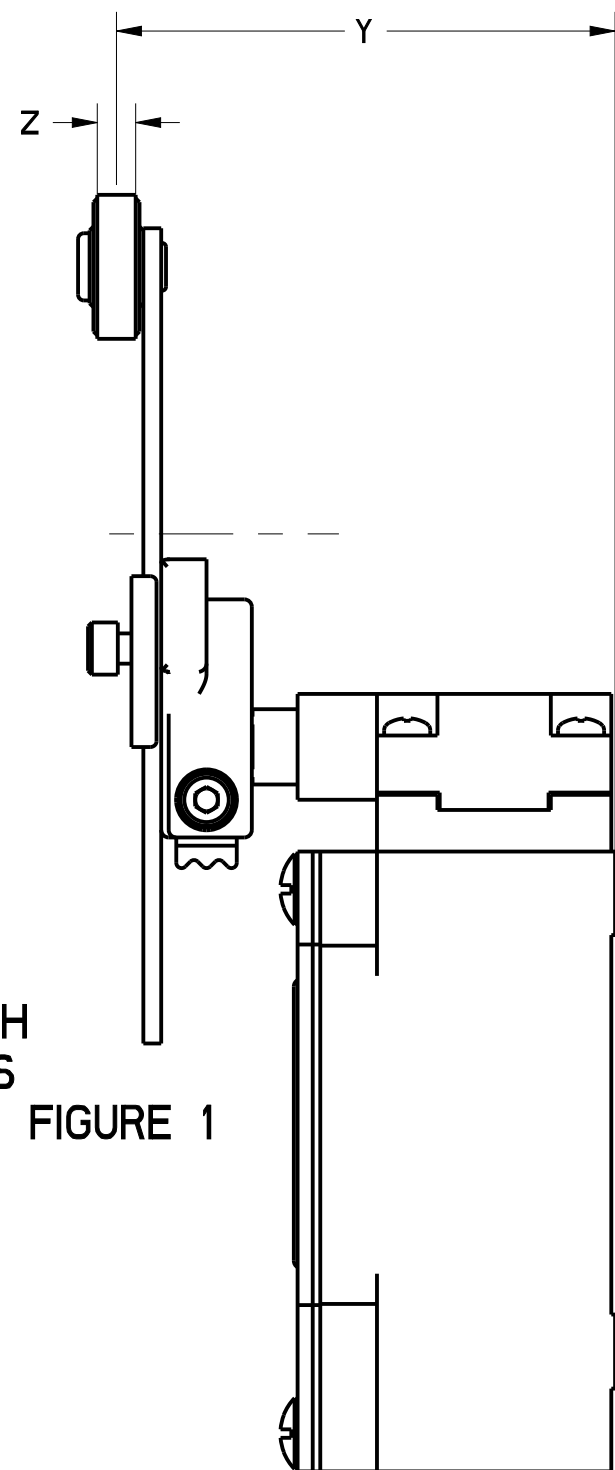


NOTES

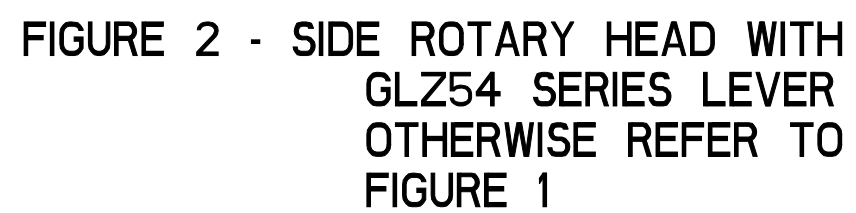
- 1 - HEADS MAY BE INDEXED IN 90° INCREMENTS.
- 2 - LEVERS MAY BE KEYED TO THE SHAFT AT 90° INCREMENTS. THEY MAY ALSO BE ATTACHED, BUT NOT KEYED ANYWHERE ON THE SHAFT.
- 3 - FOR ADDITIONAL LEVERS SEE "M" DRAWING CHART GLZ5
- 4 - THE LEFT INDICATOR IS GREEN AND INDICATES "POWER ON" IT IS ON GLH SERIES 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_e 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_e 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



LEVER	ROLLER MATERIAL	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

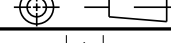


ENVIRONMENTAL RATING
IP67
NEMA/UL TYPES 1, 4, 12, 13



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
GL*A***	IA	N/A	N/A
GL*B***	IB	N/A	N/A
GL*C***	IC	N/A	N/A
GL*D***	ID	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

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FED. MFG. CODE 91929		CATALOG LISTING	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	
		GL SERIES CHAR	

THIRD ANGLE PROJECTION			
			

SCALE			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS; CONVERSIONS ARE ONLY FOR REFERENCE UNLESS NOTED; TOLERANCES ARE:			
DIM mm	TOL mm / in	DIM mm / in	TOL mm / in
NO PLACES	0.1	0.1	0.1
ONE PLACE	0.5	0.5	0.5
TWO PLACES	0.05	0.05	0.05
THREE PLACES	0.01	0.01	0.01
ANGLES	1/16, 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4, 6, 8, 10, 12, 15, 20, 30, 45, 60, 90, 120, 150, 180	1/16, 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4, 6, 8, 10, 12, 15, 20, 30, 45, 60, 90, 120, 150, 180	1/16, 1/8, 1/4, 1/2, 3/4, 1, 1 1/2, 2, 3, 4, 6, 8, 10, 12, 15, 20, 30, 45, 60, 90, 120, 150, 180
SI METRIC US CUSTOMARY			
DESIGN UNITS			
WEIGHT			

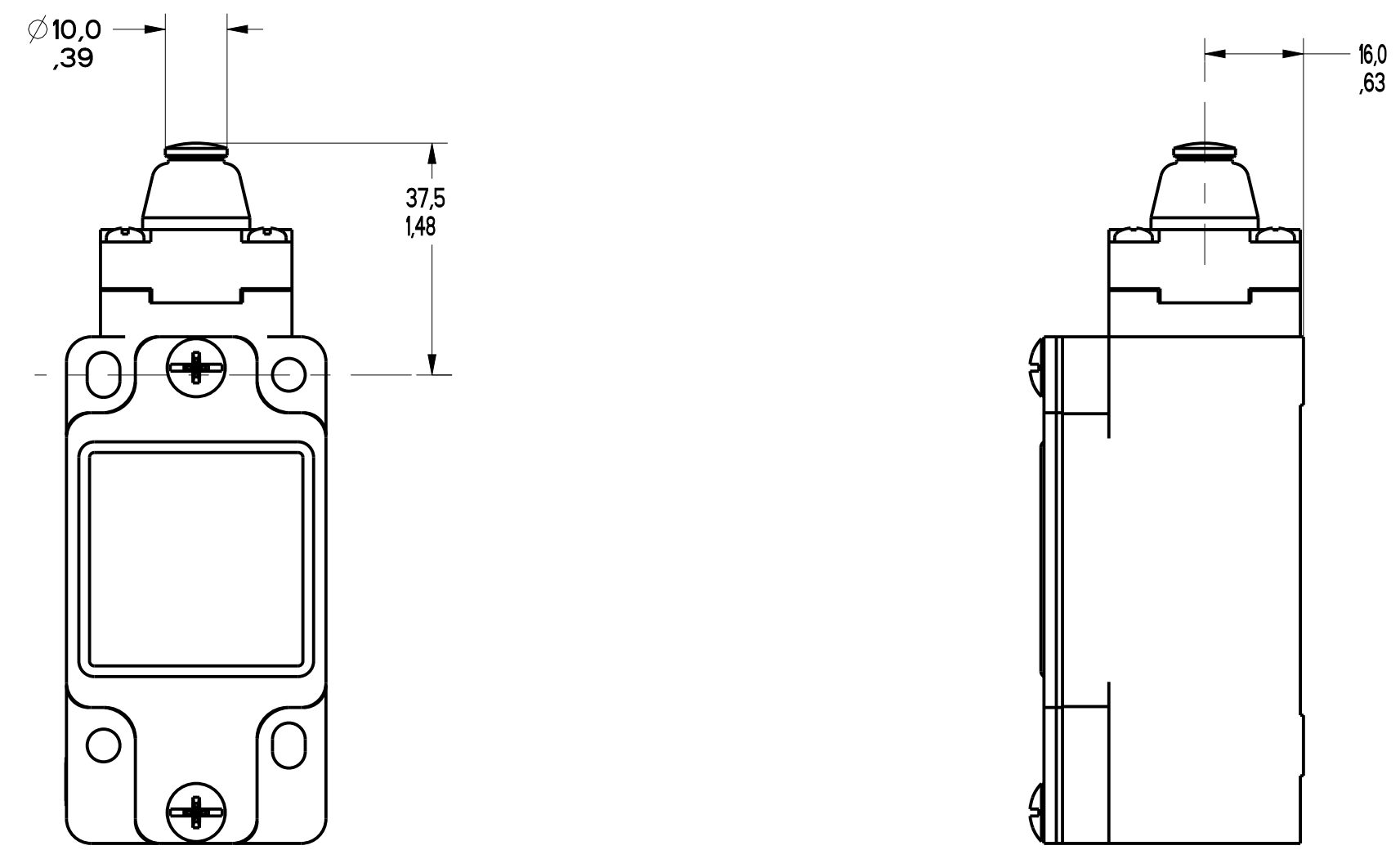


FIGURE 4 - TOP PIN PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

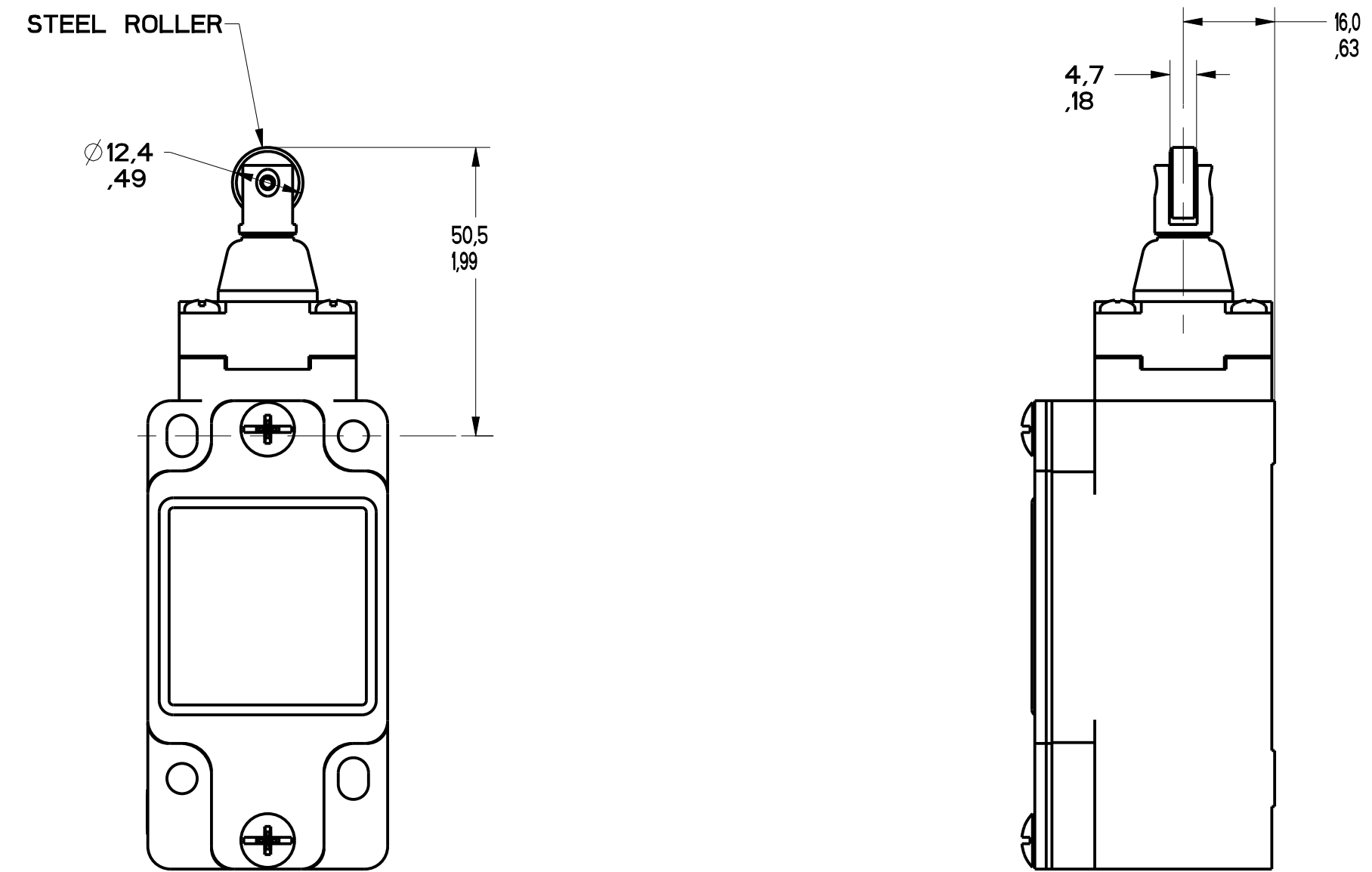


FIGURE 5 - TOP ROLLER PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

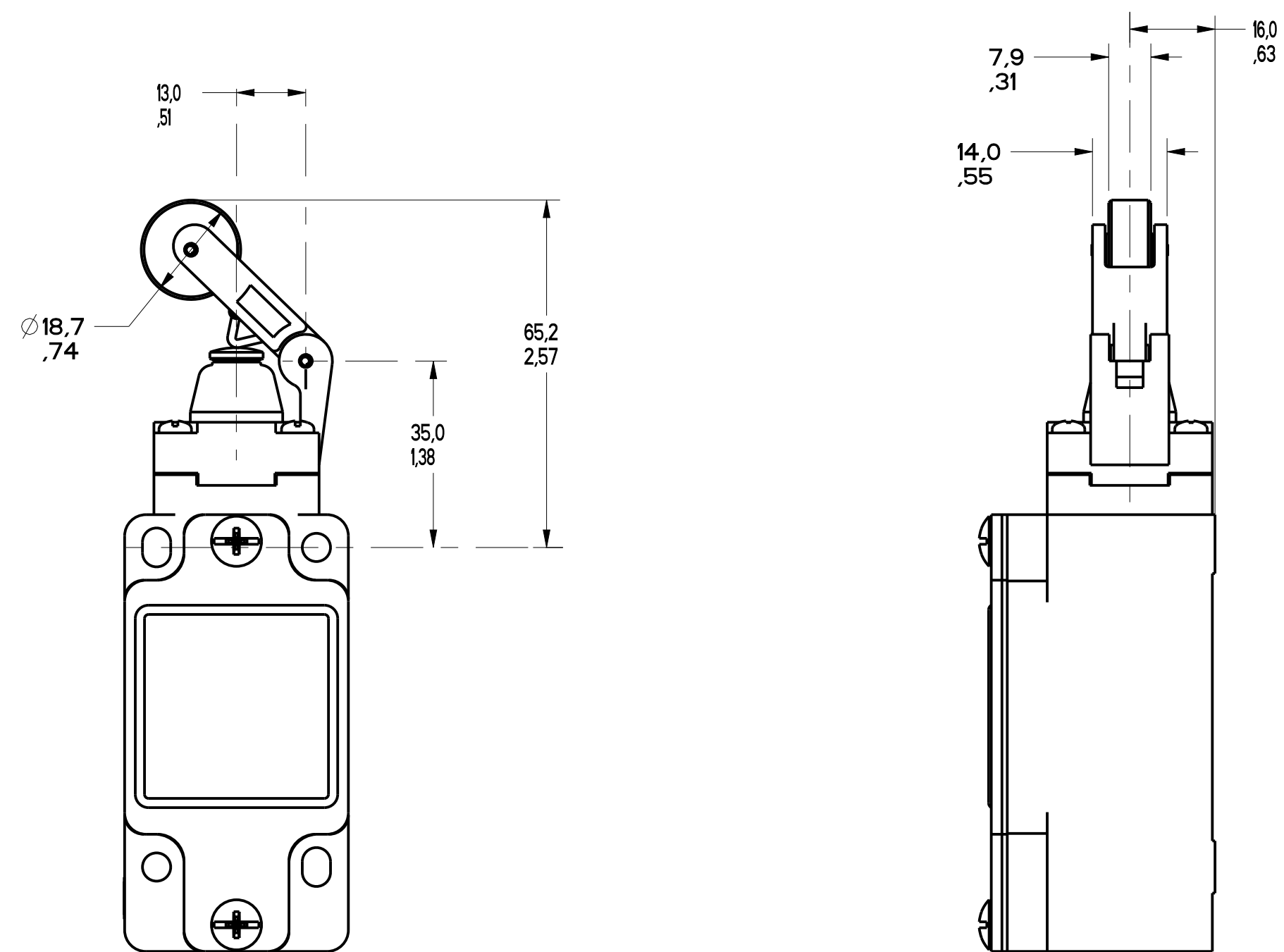


FIGURE 6 - TOP LEVER HEAD,
OTHERWISE REFER TO
FIGURE 1

[illegible]

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FED. MFG. CODE 91929		CATALOG LISTING	
		GL SERIES CHART 1	
		WEIGHT	
			

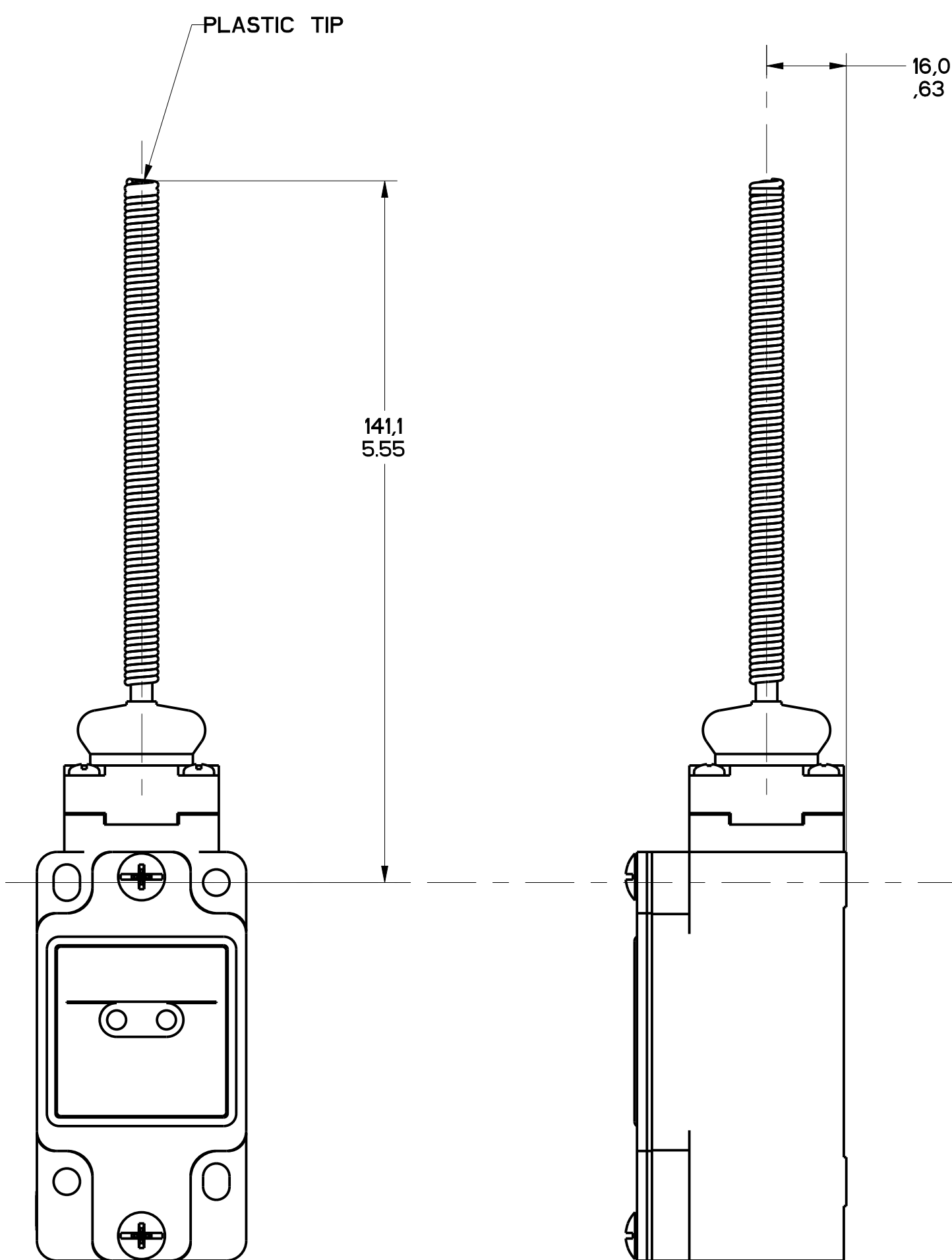


FIGURE 7 - WOBBLE HEAD, AND CAT WISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

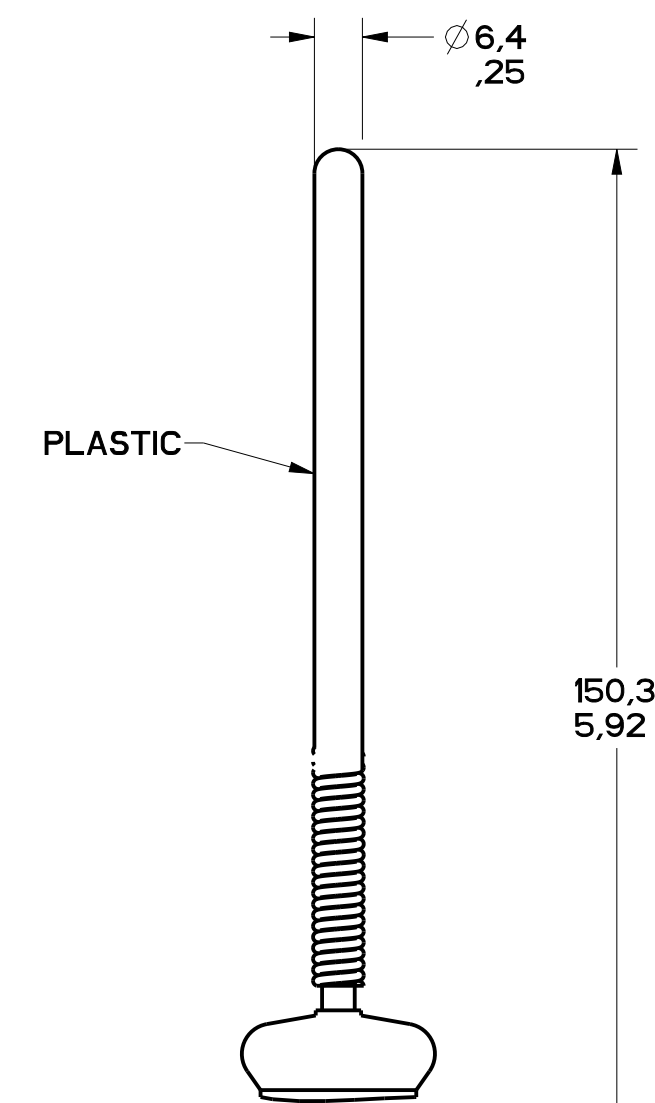


FIGURE 7A -
WOBBLE HEAD,
PLASTIC ACTUATOR,
OTHERWISE SAME AS FIGURE 7

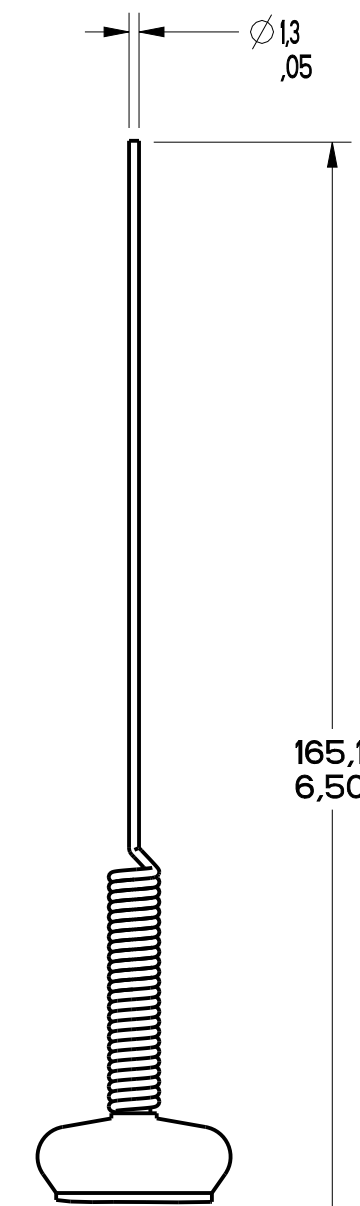


FIGURE 7B -
WOBBLE HEAD
STAINLESS STEEL SPRING
ACTUATOR, OTHERWISE
SAME AS FIGURE 7

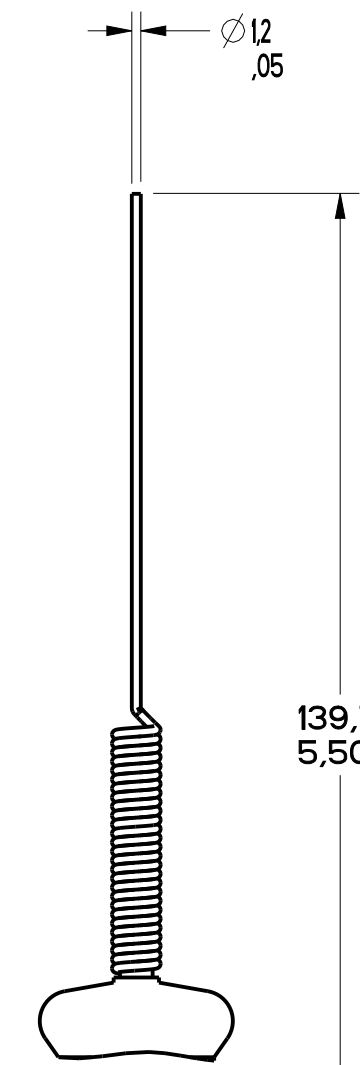


FIGURE 7C -
CAT WHISKER ACTUATOR,
STAINLESS STEEL SPRING,
OTHERWISE SAME AS FIGURE 7

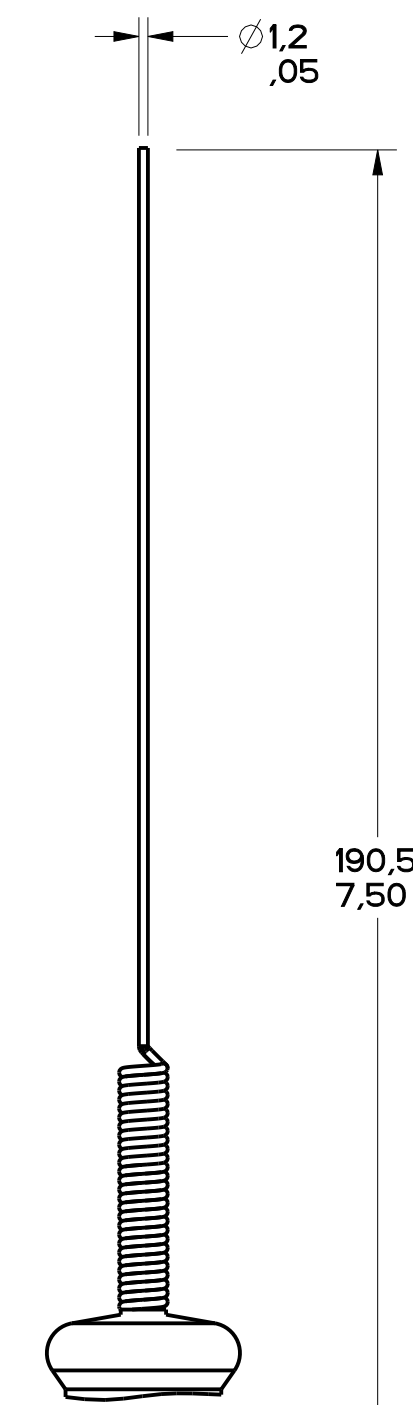


FIGURE 7D -
CAT WHISKER ACTUATOR,
STAINLESS STEEL
SPRING, OTHERWISE
SAME AS FIGURE 7

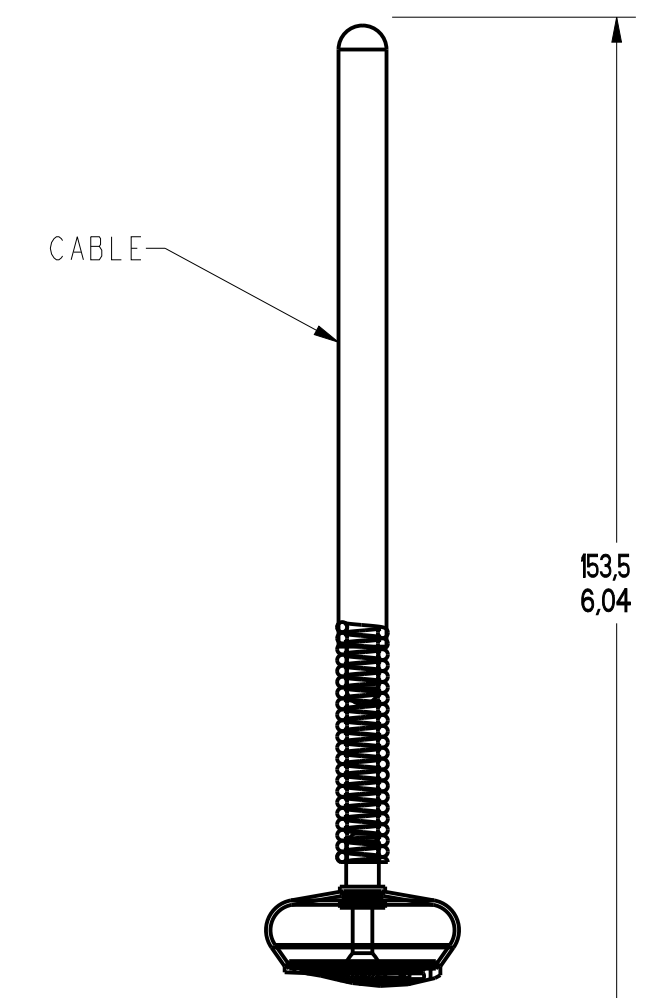


FIGURE 7E -
CABLE WOBBLE
ACTUATOR, OTHERWISE
SAME AS FIGURE 7

[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 (0.003)</td><td>0.354</td><td>0.003 (0.001)</td></tr></table>		SW mm	TOL mm (+/-)	SW in	TOL in (+/-)	9	0.075 (0.003)	0.354	0.003 (0.001)												
SW mm	TOL mm (+/-)	SW in	TOL in (+/-)																				
9	0.075 (0.003)	0.354	0.003 (0.001)																				
FED. MFG. CODE 91929	CATALOG LISTING	<table><tr><td>NO PLACES</td><td>X</td><td>0.47-0.006</td><td>0.006 (0.0002)</td></tr><tr><td>ONE PLACE</td><td>X, S</td><td>0.157-0.006</td><td>0.006 (0.0002)</td></tr><tr><td>TWO PLACES</td><td>X, S, A</td><td>0.157-0.006</td><td>0.006 (0.0002)</td></tr><tr><td>THREE PLACES</td><td></td><td></td><td></td></tr><tr><td>ANGLES</td><td></td><td>±2°</td><td></td></tr></table>		NO PLACES	X	0.47-0.006	0.006 (0.0002)	ONE PLACE	X, S	0.157-0.006	0.006 (0.0002)	TWO PLACES	X, S, A	0.157-0.006	0.006 (0.0002)	THREE PLACES				ANGLES		±2°	
NO PLACES	X	0.47-0.006	0.006 (0.0002)																				
ONE PLACE	X, S	0.157-0.006	0.006 (0.0002)																				
TWO PLACES	X, S, A	0.157-0.006	0.006 (0.0002)																				
THREE PLACES																							
ANGLES		±2°																					
MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	<table><tr><td>DESIGN UNITS</td><td>☒ SI METRIC</td><td>☐ US CUSTOMARY</td></tr></table>		DESIGN UNITS	☒ SI METRIC	☐ US CUSTOMARY																	
		DESIGN UNITS	☒ SI METRIC	☐ US CUSTOMARY																			
WEIGHT																							

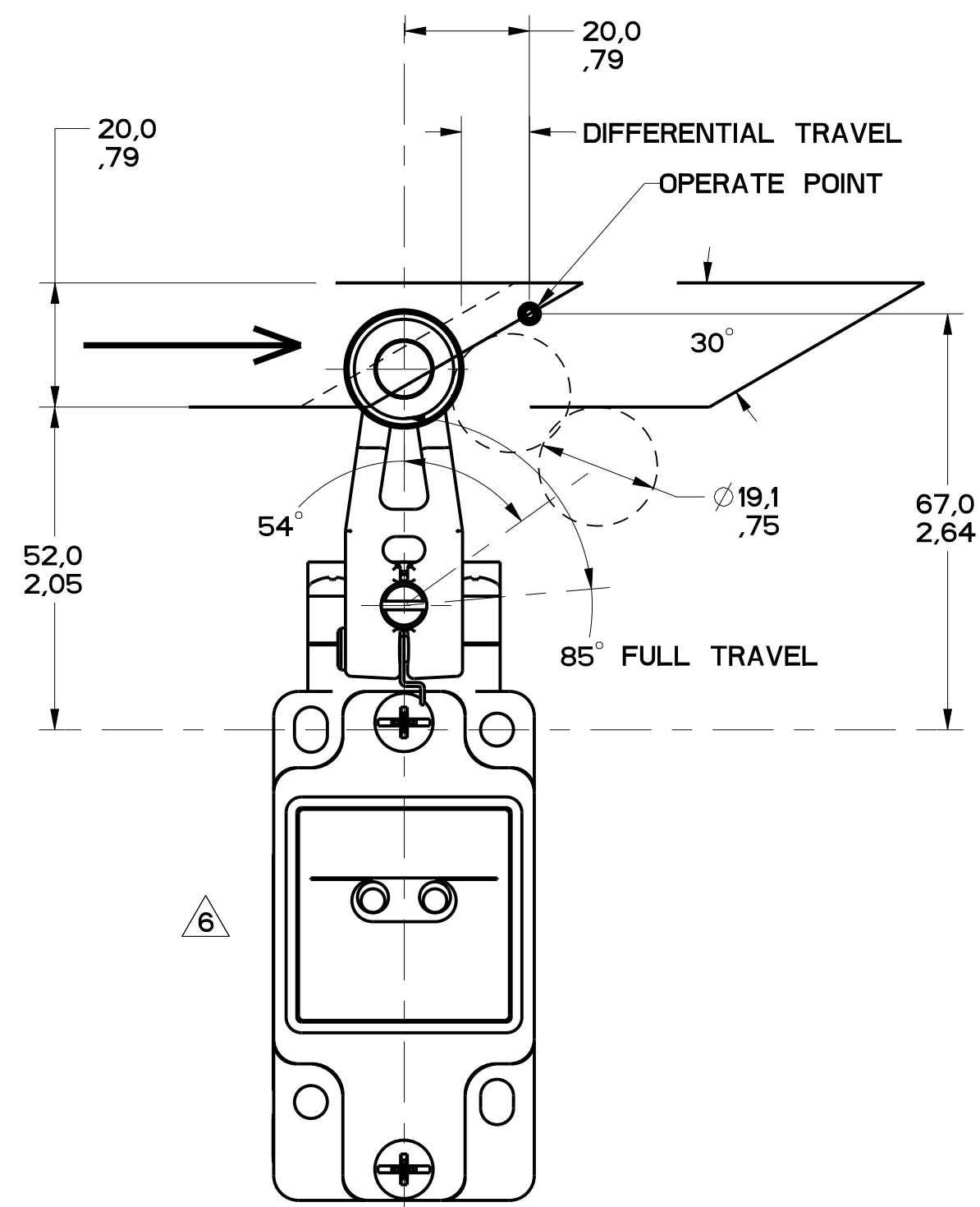


FIGURE 8

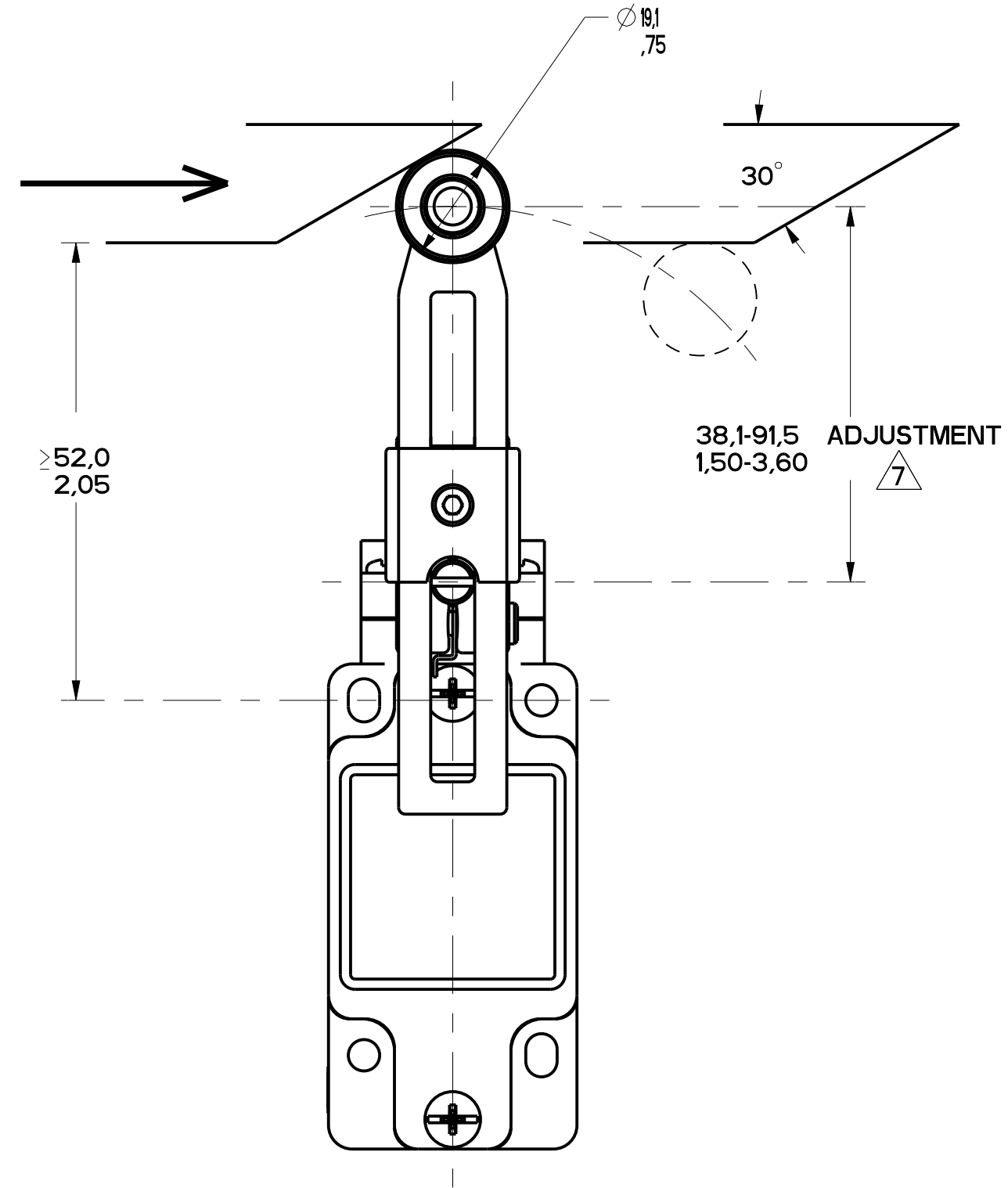


FIGURE 9

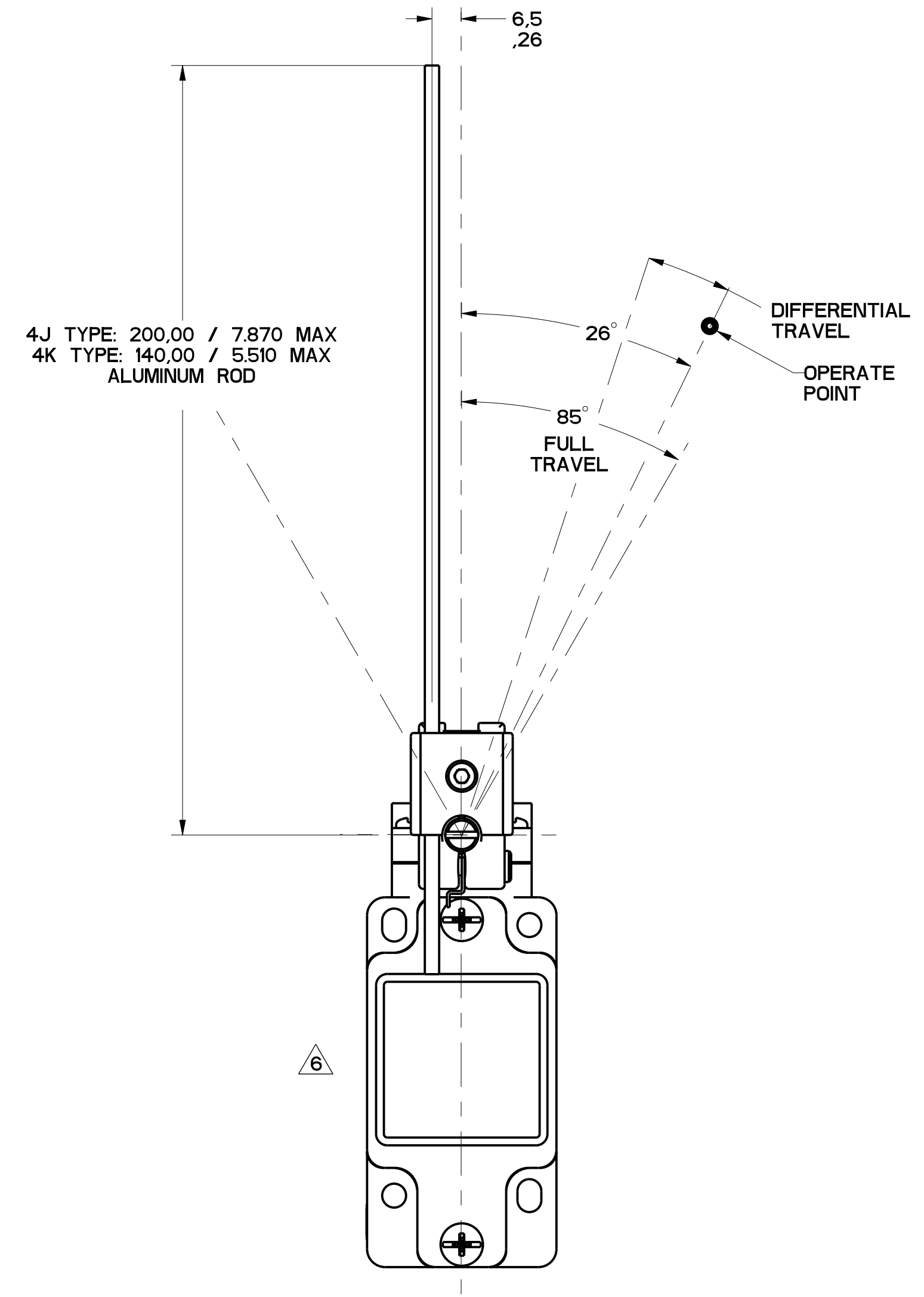


FIGURE 10

P.T.C./CAD	DRAWN	MGL SERIES CHART 1		RELEASE NO	PR-20782	REMARKS
		ISSUE	DRAWING NUMBER			
		16				
		REVISED		CNH	120CT12	
		T	0000401	CHECK	050CT10	
			CU			
			2 PUNOS			
		G	002986			
			20 JAN 94			
			0032759			
		R	RP			
			07AUG96			
			0372126			
		P	PREFTOR			
			0436262			
		K	1225098	CHECK	CNH	07AUG96
		L	0046805			
		V	0976016			
		M	0070055			
			ON			
		N	0094510			
			30F			
			120CT12	CHECK	DVM	27MAR96

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

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FED. MFG. CODE 91929
MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

GL SERIES CHART 1

THIRD ANGLE PROJECTION			
		1:1	
SCALE			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DEVISION UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE: $\pm$			
NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES	DIM X X.X X.XX ±	TOL 1/16 DIA 0.4/0.016 0.005 ±	DIM X X.X X.XXX ±
		TOL mm / in 0.40 / 0.015 0.13 / .005	
DESIGN UNITS 		US CUSTOMARY 	
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 13-14 26° 55**° 85° 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 13-14 26**° 85° 38°	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**04A GL**34A	SLOW ACTING MAKE BEFORE BREAK 	 21-22 13-14 38**° 85° 26°	$\frac{.330}{2.9}$	$\frac{.400}{3.5}$	1290	13	250
GL**05A GL**35A	SLOW ACTING 	 13-14 23-24 38° 85°	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**06A GL**36A	SLOW ACTING 	 11-12 21-22 26**° 85°	$\frac{.330}{2.9}$	$\frac{.385}{3.4}$	1290	13	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 13-14, 23-24 26° 55**° 85° 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 13-14 21-22 23-24 27 42 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	$\frac{.330}{2.9}$	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 13-14 0 20 56** 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 13-14 0 20** 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 13-14 0 32 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 23-24 0 32° 85°	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**06A GL**36A	SLOW ACTING 	 11-12 21-22 0 20**	$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250
GL**20A GL**22A GL**24A GL**32A	SNAP ACTION CONTACTS DOUBLE POLE 	 11-12, 21-22 13-14, 23-24 0 20 56** 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 13-14 21-22 23-24 0 20 38.5 8.5 DIFFERENTIAL TRAVEL 7 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	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 13-14 21-22 23-24 0 16 8 DIFFERENTIAL TRAVEL 8 DIFFERENTIAL TRAVEL	$\frac{9.7}{2.2}$	N/A	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	250

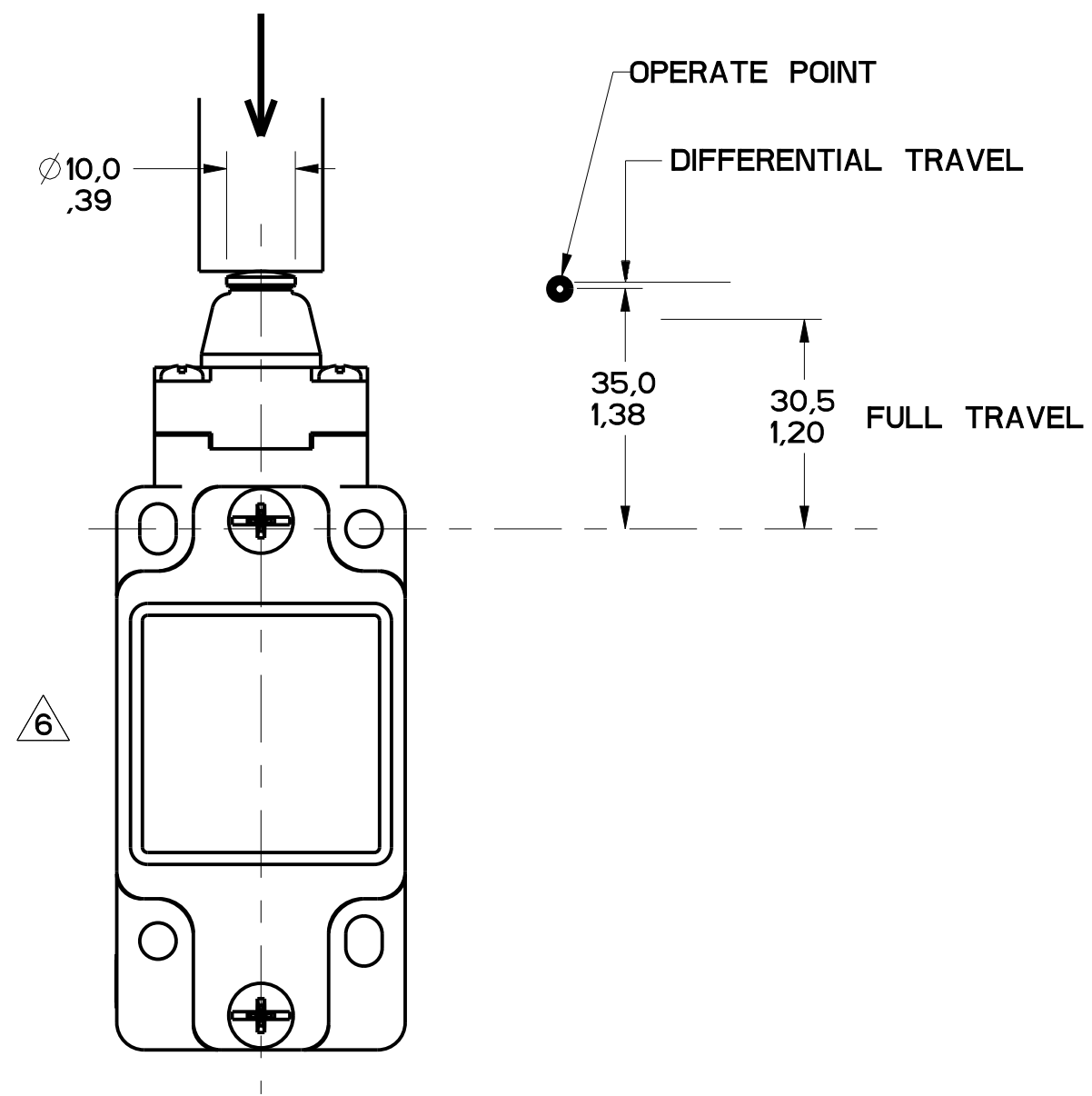


FIGURE 11

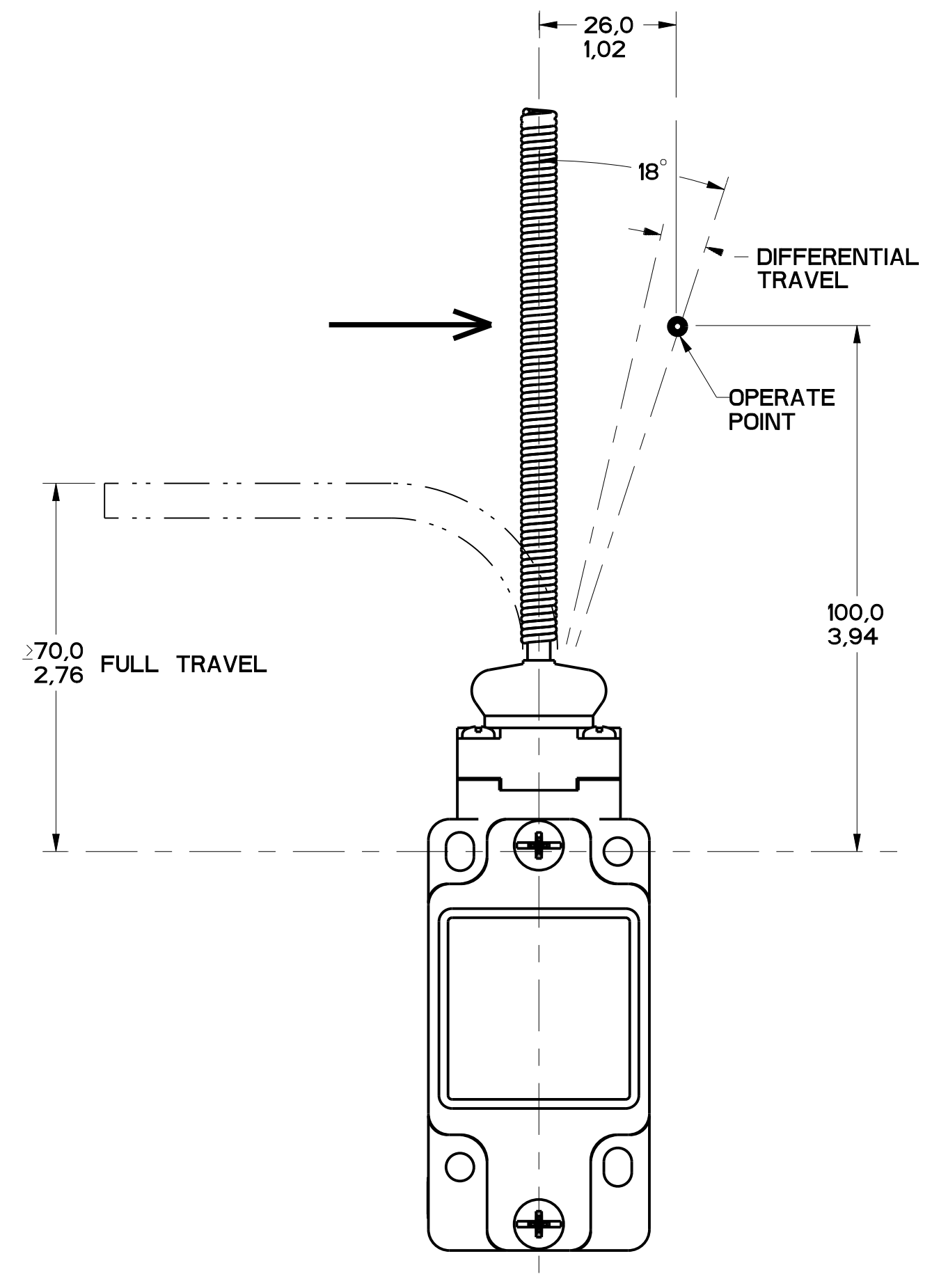


FIGURE 12

[illegible]

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DIM	TOL	DIM	TOL																												
mm	mm (1/32")	mm	mm (1/32")																												
NO PLACES	0.125	0.125	0.380/0.05																												
ONE PLACE	0.4/0.106	0.125	0.131/0.05																												
TWO PLACES	0.15/0.06																														
THREE PLACES																															
ANGLES	±2°																														
FED. MFG. CODE 91929	CATALOG LISTING																														
 MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 1	<table><tr><td>SI METRIC</td><td>☒</td><td>US CUSTOMARY</td><td>☐</td></tr></table>	SI METRIC	☒	US CUSTOMARY	☐																								
			SI METRIC	☒	US CUSTOMARY	☐																									
			DESIGN UNITS																												
WEIGHT																															

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 	 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 	 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 	 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 	 34	$\frac{16}{3.6}$	$\frac{27}{6.0}$	$\frac{0.1}{3.9}$	$\frac{1.0}{.04}$	250
GL**06B GL**36B	SLOW ACTING 	 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 	 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 	 0.8 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 $\frac{N\cdot m}{LB\cdot IN}$	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 	 8° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**03E GL**33E	SLOW ACTING BREAK BEFORE MAKE 	 18° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**04E GL**34E	SLOW ACTING MAKE BEFORE BREAK 	 18° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**05E GL**35E	SLOW ACTING 	 25° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**06E GL**36E	SLOW ACTING 	 18° DIFFERENTIAL TRAVEL	$\frac{0.2}{1.8}$	N/A	360	8	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 	 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 	 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 	 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 	 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05E GL**35E	SLOW ACTING 	 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06E GL**36E	SLOW ACTING 	 38.1	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**20E GL**22E GL**24E GL**32E	SNAP ACTION CONTACTS DOUBLE POLE 	 12 DIFFERENTIAL TRAVEL	$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100

THIRD ANGLE PROJECTION

SCALE -

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:
DIM TOL DIM TOL
NO PLACES ONE PLACES TWO PLACES THREE PLACES
X .04 X.X 0.01/0.05 0.15/1.006 1.XXX 0.001/0.05 0.001/0.05
ANGLES ±2°

DESIGN UNITS ☒ SI METRIC ☐ US CUSTOMARY

WEIGHT

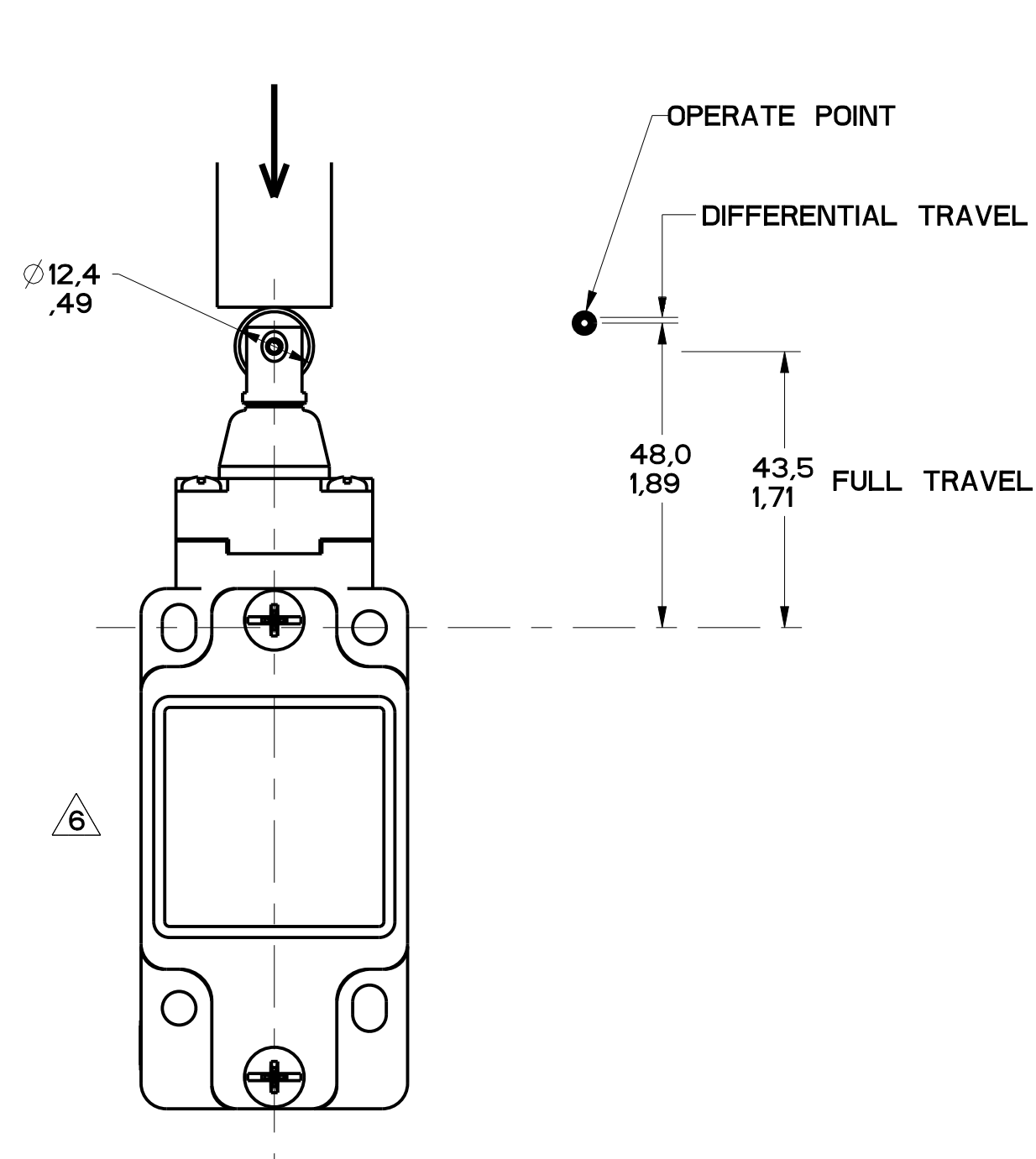


FIGURE 13A

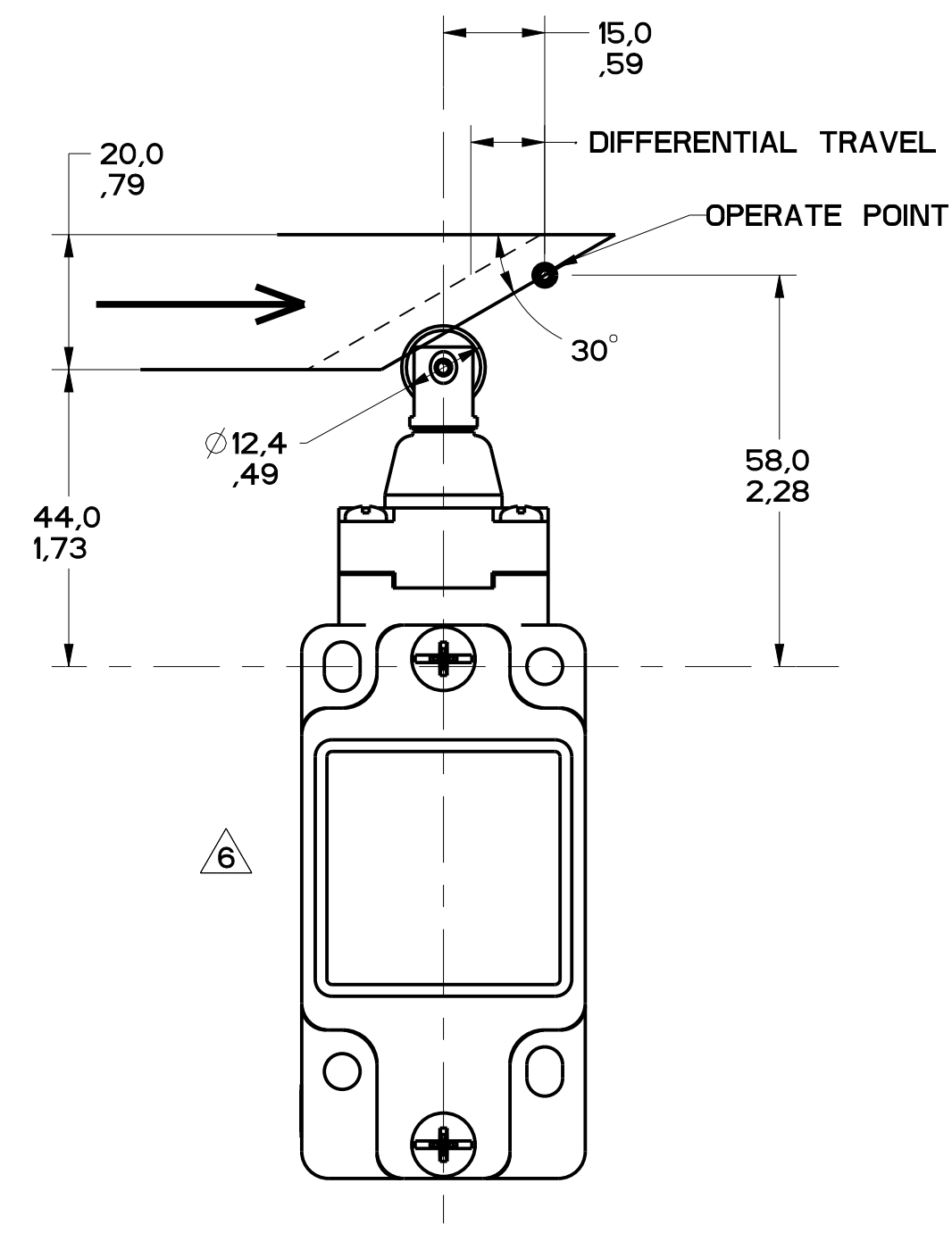


FIGURE 13B

PTC/CAD		DRAWING NUMBER		MGL SERIES CHART 1		PAGE 8 OF 13		RELEASE NO. PR-20782		REPLACES	
K		ISSUE 16		REVISONS		CHECK CMH 12OCT12		CHECK CMH 05OCT10		CHECK CMH 26AUG93	
N		00494510		H		00237559		J		00572126	
O		2500C112		I		08FE80B		K		07AUG86	
P		0048605		L		0971809		M		0070059	
Q		0048405		M		125F08B		N		00494510	
R		0048405		O		0048605		P		0048605	
S		0048605		P		0048605		Q		0048605	
T		0048605		Q		0048605		R		0048605	
U		0048605		R		0048605		S		0048605	
V		0048605		S		0048605		T		0048605	
W		0048605		T		0048605		U		0048605	
X		0048605		U		0048605		V		0048605	
Y		0048605		V		0048605		W		0048605	
Z		0048605		W		0048605		X		0048605	
AA		0048605		X		0048605		Y		0048605	
AB		0048605		Y		0048605		Z		0048605	
AC		0048605		Z		0048605		AA		0048605	
AD		0048605		AA		0048605		AB		0048605	
AE		0048605		AB		0048605		AC		0048605	
AF		0048605		AC		0048605		AD		0048605	
AG		0048605		AD		0048605		AE		0048605	
AH		0048605		AE		0048605		AF		0048605	
AI		0048605		AF		0048605		AG		0048605	
AJ		0048605		AG		0048605		AH		0048605	
AK		0048605		AH		0048605		AI		0048605	
AL		0048605		AJ		0048605		AK		0048605	
AM		0048605		AK		0048605		AL		0048605	
AN		0048605		AM		0048605		AM		0048605	
AO		0048605		AN		0048605		AO		0048605	
AP		0048605		AO		0048605		AP		0048605	
AQ		0048605		AQ		0048605		AQ		0048605	
AR		0048605		AR		0048605		AR		0048605	
AS		0048605		AS		0048605		AS		0048605	
AT		0048605		AT		0048605		AT		0048605	
AU		0048605		AU		0048605		AU		0048605	
AV		0048605		AV		0048605		AV		0048605	
AW		0048605		AW		0048605		AW		0048605	
AX		0048605		AX		0048605		AX		0048605	
AY		0048605		AY		0048605		AY		0048605	
AZ		0048605		AZ		0048605		AZ		0048605	
BA		0048605		BA		0048605		BA		0048605	
BB		0048605		BB		0048605		BB		0048605	
BC		0048605		BC		0048605		BC		0048605	
BD		0048605		BD		0048605		BD		0048605	
BE		0048605		BE		0048605		BE		0048605	
BF		0048605		BF		0048605		BF		0048605	
BG		0048605		BG		0048605		BG		0048605	
BH		0048605		BH		0048605		BH		0048605	
BI		0048605		BI		0048605		BI		0048605	
BJ		0048605		BJ		0048605		BJ		0048605	
BK		0048605		BK		0048605		BK		0048605	
BL		0048605		BL		0048605		BL		0048605	
BM		0048605		BM		0048605		BM		0048605	
BN		0048605		BN		0048605		BN		0048605	
BO		0048605		BO		0048605		BO		0048605	
BP		0048605		BP		0048605		BP		0048605	
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CB		0048605		CB		0048605		CB		0048605	
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CY		0048605		CY		0048605		CY		0048605	
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DI		0048605		DI		0048605		DI		0048605	
DJ		0048605		DJ		0048605		DJ		0048605	
DK		0048605		DK		0048605		DK		0048605	
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EV		0048605		EV		0048605		EV		0048605	
EW		0048605		EW		0048605		EW		0048605	
EX		0048605		EX		0048605		EX		0048605	
EY		0048605		EY		0048605		EY		0048605	
EZ		0048605		EZ		0048605		EZ		0048605	
FA		0048605		FA		0048605		FA		0048605	
FB		0048605		FB		0048605		FB		0048605	
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FF		0048605		FF		0048605		FF		0048605	
FG		0048605		FG		0048605		FG		0048605	
FH		0048605		FH		0048605		FH		0048605	
FI		0048605		FI		0048605		FI		0048605	
FJ		0048605		FJ		0048605		FJ		0048605	
FK		0048605		FK		0048605		FK		0048605	
FL		0048605		FL		0048605		FL		0048605	
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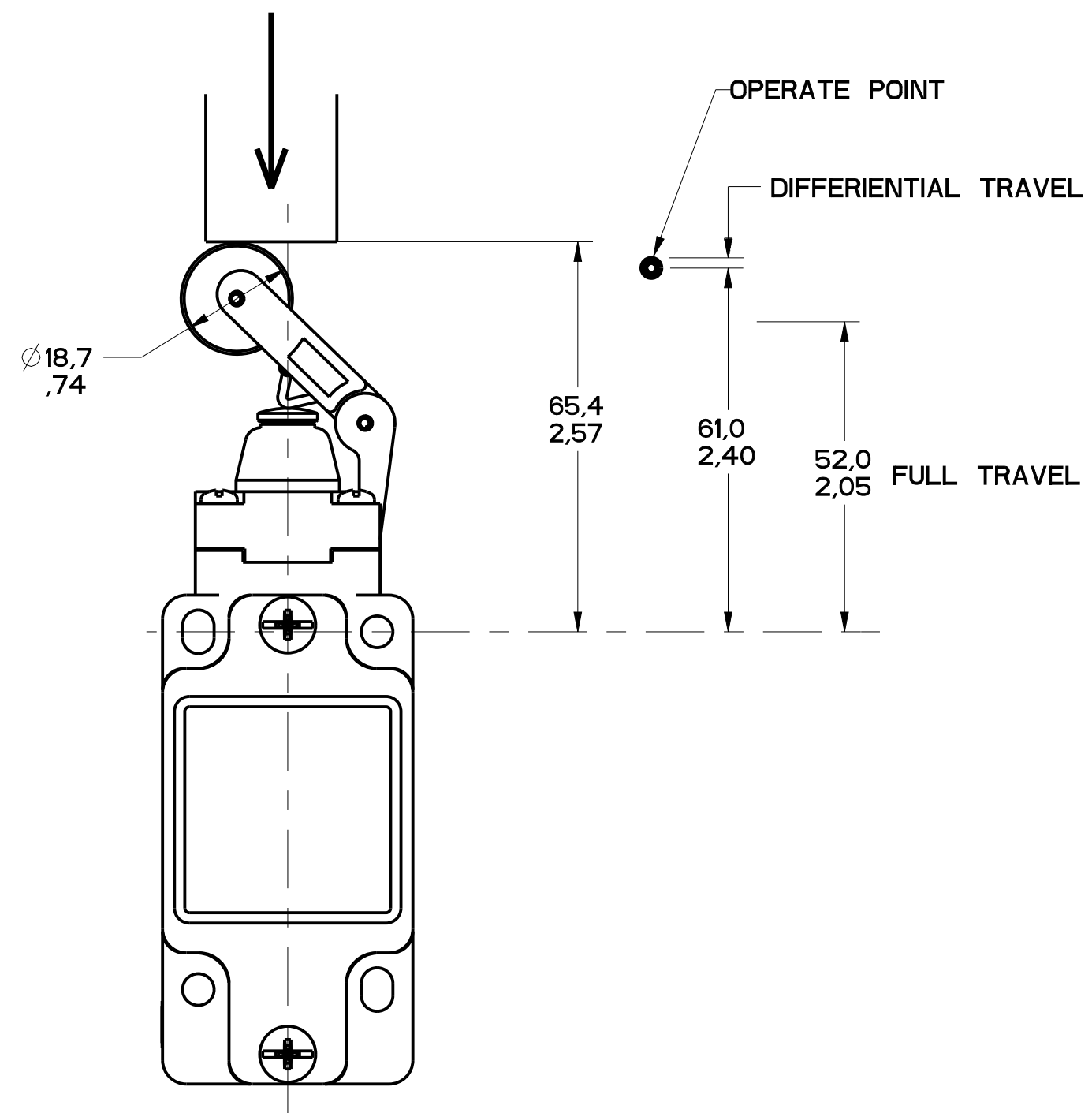


FIGURE 14A

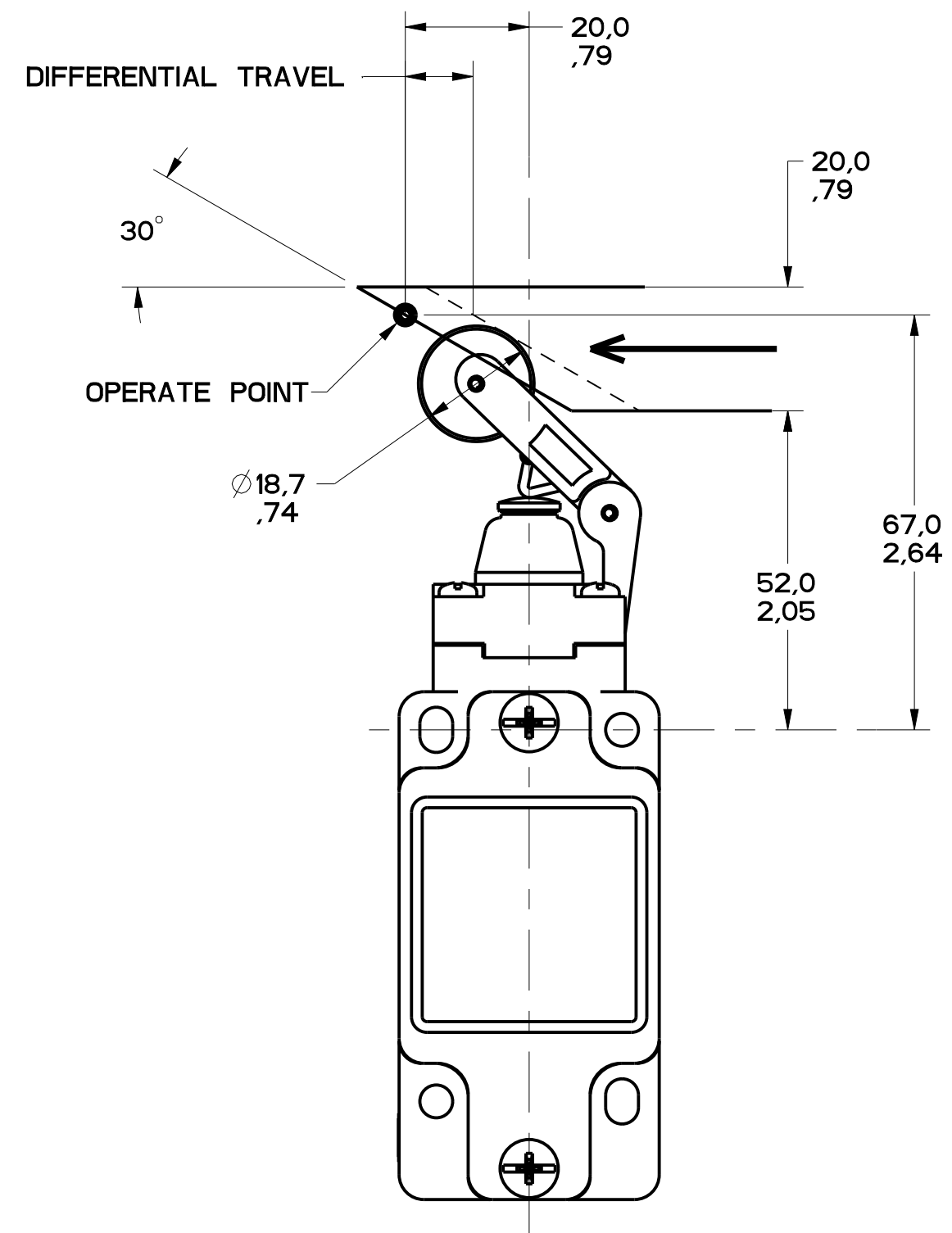


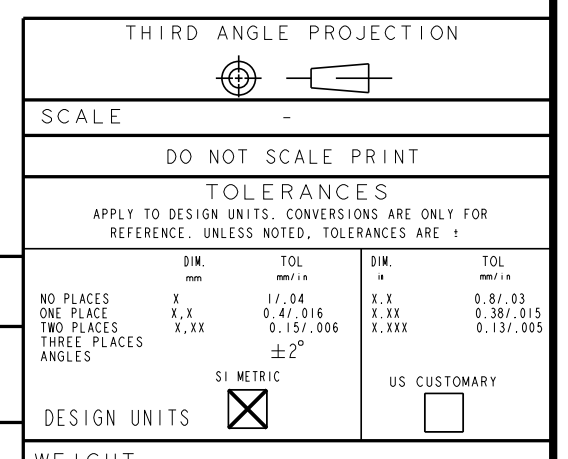
FIGURE 14B

[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		DIM. TOL. X .001 Y .001 Z .001 ONE PLACE X .X TWO PLACES X.X THREE PLACES XXX ANGLES ±° DIM. TOL. X .001 Y .001 Z .001 ONE PLACE X .X TWO PLACES X.X THREE PLACES XXX ANGLES ±°	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 1	
				DESIGN UNITS ☒ SI METRIC US CUSTOMARY	
				WEIGHT	

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 mm/S in/S	MAX OPERATE FREQUENCY OPS/MIN
GL**01D GL**07D	SNAP - ACTION CONTACTS SINGLE POLE 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**03D GL**33D	SLOW ACTING BREAK BEFORE MAKE 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**04D GL**34D	SLOW ACTING MAKE BEFORE BREAK 		5.5 1.2	9.6 2.2	0.29 11.4	2.9 .11	250
GL**05D GL**35D	SLOW ACTING 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**06D GL**36D	SLOW ACTING 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**20D GL**22D GL**24D GL**32D	SNAP ACTION CONTACTS DOUBLE POLE 		5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250
GL**21D GL**25D GL**28D GL**31D	STEP 1 STEP 2 		5.5 1.2	N/A	0.29 11.4	2.9 .11	250



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FED. MFG. CODE 91929	SWITCH, ENCLOSED	CATALOG LISTING
MICRO SWITCH a Honeywell Division		GL SERIES CHART

SWITCH, ENCLOSED

GL SERIES CHART 1

ANSI Y14.5M-1982 APPLIES

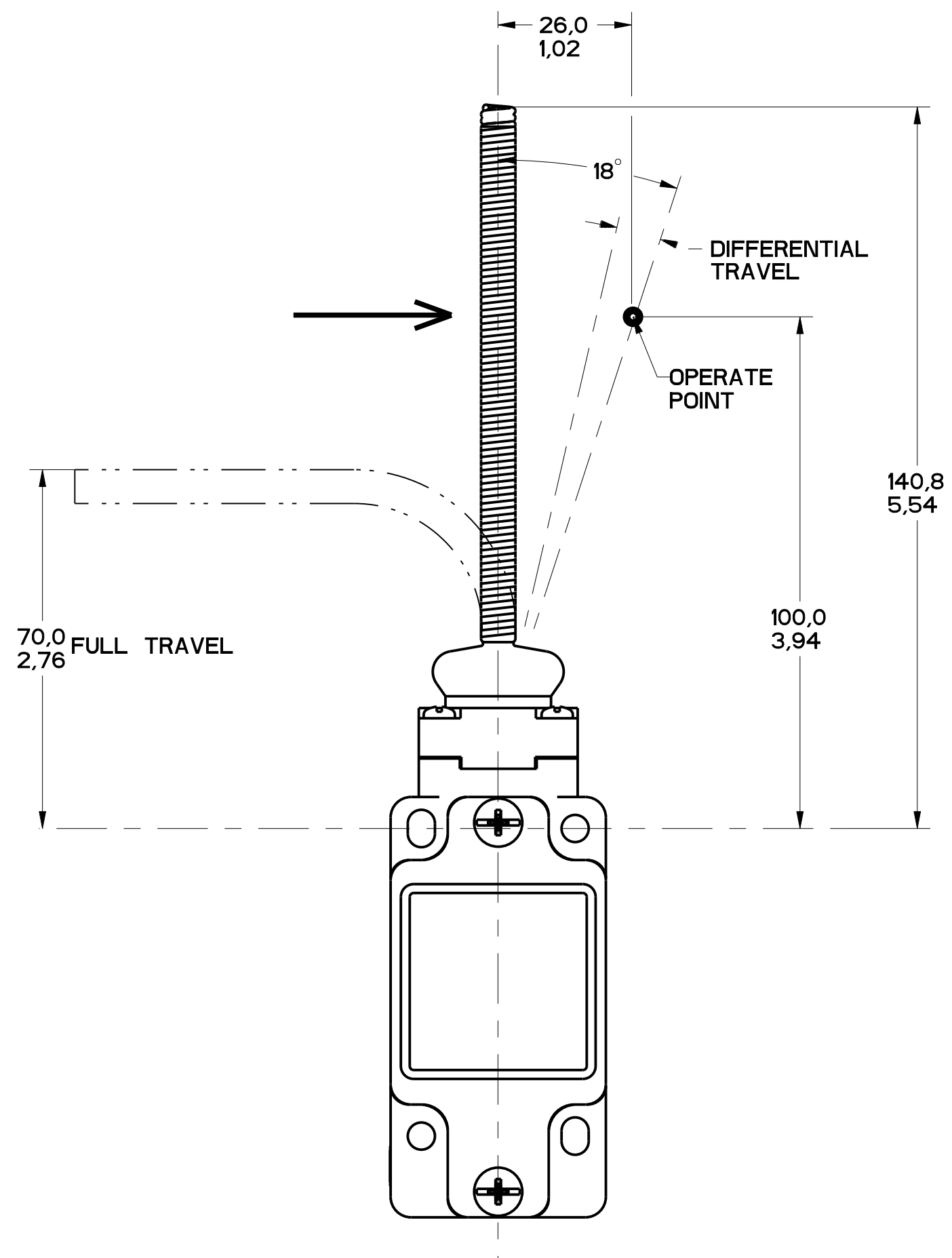


FIGURE 15

[illegible]

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FED. MFG. CODE 91929		CATALOG LISTING			
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED			
		GL SERIES CHART 1			
		NO PLACES 3 ONE PLACE 3 X X TWO PLACES 3 XX THREE PLACES ANGLES $\pm .0005$ $\pm .001$ $\pm .0015$ $\pm .002$		DIM INCHES TOL MILLI METERS DIM INCHES TOL MILLI METERS SI METRIC ☒ US CUSTOMARY ☐ DESIGN UNITS WEIGHT	

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° 21-22 13-14 8° DIFFERENTIAL TRAVEL	$\frac{0.1}{.9}$	N/A	360	8	100
GL**03K GL**33K	SLOW ACTING BREAK BEFORE MAKE 	 18° 21-22 13-14 25	$\frac{0.1}{.9}$	N/A	360	8	100
GL**04K GL**34K	SLOW ACTING MAKE BEFORE BREAK 	 25° 21-22 13-14 18°	$\frac{0.1}{.9}$	N/A	360	8	100
GL**05K GL**35K	SLOW ACTING 	 25° 13-14 23-24	$\frac{0.1}{.9}$	N/A	360	8	100
GL**06K GL**36K	SLOW ACTING 	 18° 11-12 21-22	$\frac{0.1}{.9}$	N/A	360	8	100
GL**20K GL**22K GL**24K GL**32K	SNAP ACTION CONTACTS DOUBLE POLE 	 18° 11-12, 21-22 13-14, 23-24 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 21-22 13-14 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 21-22 13-14	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**04K GL**34K	SLOW ACTING MAKE BEFORE BREAK 	 26.5 38.1 21-22 13-14	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**05K GL**35K	SLOW ACTING 	 38.1 21-22 13-14	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**06K GL**36K	SLOW ACTING 	 26.5 11-12 21-22	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100
GL**20K GL**22K GL**24K GL**32K	SNAP ACTION CONTACTS DOUBLE POLE 	 26 11-12, 21-22 13-14, 23-24 12 DIFFERENTIAL TRAVEL	$\frac{1.3}{0.3}$	N/A	$\frac{.5}{19.7}$	$\frac{11}{.43}$	100

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru