

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 RIGHT INDICATOR IS YELLOW AND INDICATES "OUTPUT STATUS" IT IS ON GLG SERIES PRODUCTS ONLY.
- 5 THE MAXIMUM VOLTAGE, V_e OF GLG 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 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

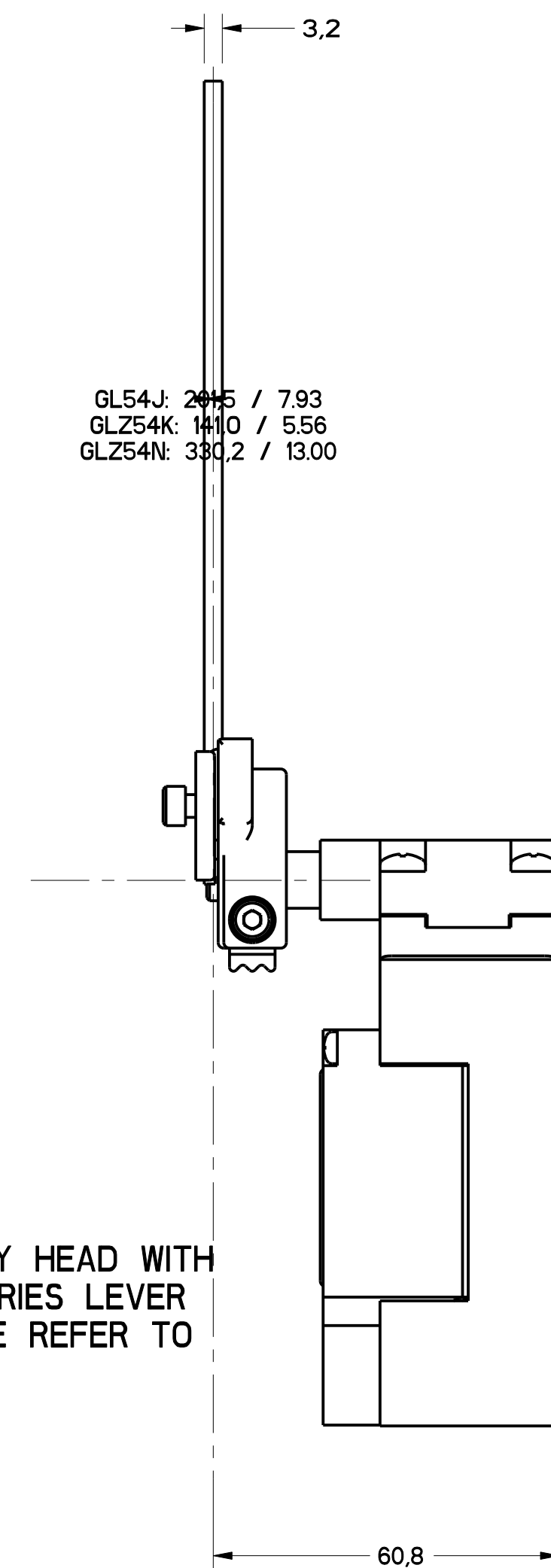
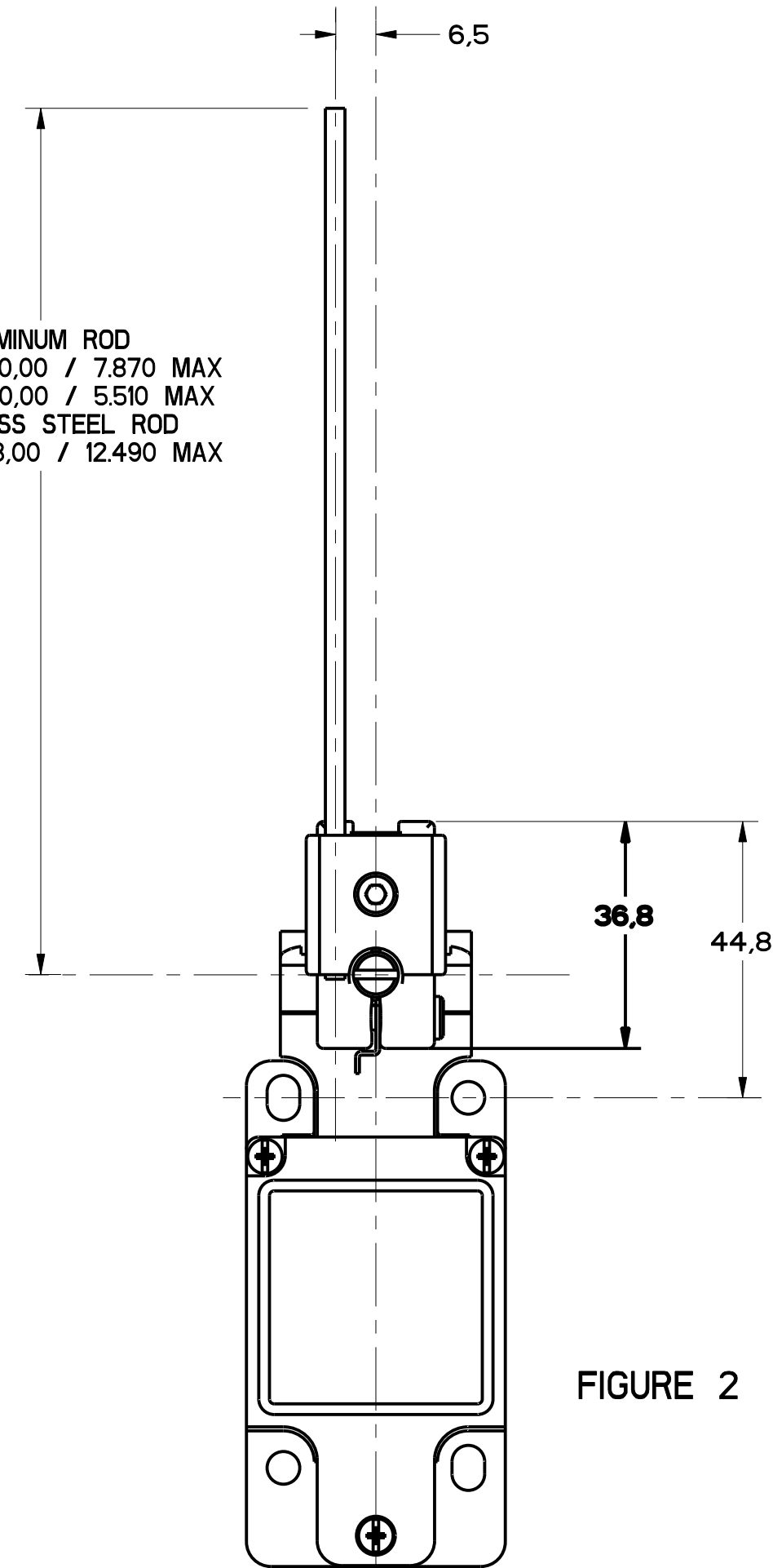
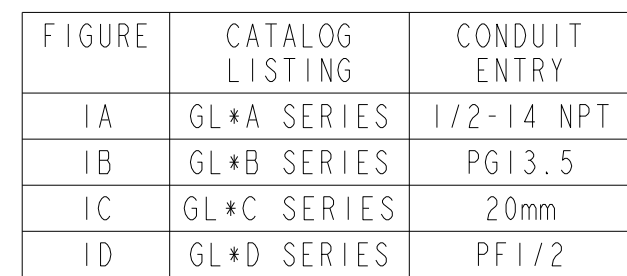


FIGURE 2 - SIDE ROTARY HEAD WITH
GLZ54 SERIES LEVER
OTHERWISE REFER TO
FIGURE 1

ELECTRICAL RATING 5			
AC		DC	
A600 Ue	AC15 Ie	Q300 Ue	DC13 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

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	3.125 2.59	33.07 1.300
GLZ52W	RUBBER	40.0 1.5	71.5 2.81	12.7 .5
GLZ52Y	RUBBER	50.9 2.0	71.5 2.81	12.7 .5

CATALOG LISTING	BODY DIMENSIONS, FIGURE	HEAD DIMENSIONS, FIGURE	HEAD ACTUATION, FIGURE
GLB****	I	N/A	N/A
GLG****	I	N/A	N/A
GLJ****	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	12
GL****E7D	I	7B	12
GL****K8A	I	7C	15
GL****K8B	I	7D	15
GL****K8C	I	7	15

NOTES

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- 2 - LEVERS MAY BE KEYED TO THE SHAFT AT 90° INCREMENTS. THEY MAY ALSO BE ATTACHED, BUT NOT KEYS ANYWHERE ON THE SHAFT.
- 3 - FOR ADDITIONAL LEVERS SEE "M" DRAWING CHART GL25
- 4 - THE RIGHT INDICATOR IS YELLOW AND INDICATES "OUTPUT STATUS" IT IS ON GLG SERIES PRODUCTS ONLY.
- 5 - THE MAXIMUM VOLTAGE, V_o OF GLG SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS
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(ALL PRODUCTS EXCEPT w/SIDE ROTARY OPERATING HEAD)
OPERATING: -25°C TO +85°C / -13°F TO +185°F
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STORAGE: -40°C TO +85°C / -40°F TO +185°F

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 border="1"> <tr> <td>DIM</td> <td>TOL</td> <td>DIM</td> <td>TOL</td> </tr> <tr> <td>mm</td> <td>mm / in</td> <td>mm</td> <td>mm / in</td> </tr> <tr> <td>7</td> <td>1 / 64</td> <td>1.5</td> <td>0.010</td> </tr> <tr> <td>ONE PLACE</td> <td>0.41 / 0.016</td> <td>1.5</td> <td>0.38 / 0.015</td> </tr> <tr> <td>TWO PLACES</td> <td>0.15 / 0.006</td> <td>0.002</td> <td>0.10 / 0.004</td> </tr> <tr> <td>THREE PLACES</td> <td>$\pm 0^{\circ}$</td> <td></td> <td></td> </tr> <tr> <td>ANGLES</td> <td></td> <td></td> <td></td> </tr> </table>		DIM	TOL	DIM	TOL	mm	mm / in	mm	mm / in	7	1 / 64	1.5	0.010	ONE PLACE	0.41 / 0.016	1.5	0.38 / 0.015	TWO PLACES	0.15 / 0.006	0.002	0.10 / 0.004	THREE PLACES	$\pm 0^{\circ}$			ANGLES			
DIM	TOL	DIM	TOL																												
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ANGLES																															
FED. MFG. CODE 91929	CATALOG LISTING	<table border="1"> <tr> <td>SI METRIC</td> <td>US CUSTOMARY</td> </tr> <tr> <td>☒</td> <td>☐</td> </tr> </table>		SI METRIC	US CUSTOMARY	☒	☐																								
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☒	☐																														
 MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 2																													
		<table border="1"> <tr> <td>DESIGN UNITS</td> <td></td> </tr> <tr> <td>WEIGHT</td> <td></td> </tr> </table>		DESIGN UNITS		WEIGHT																									
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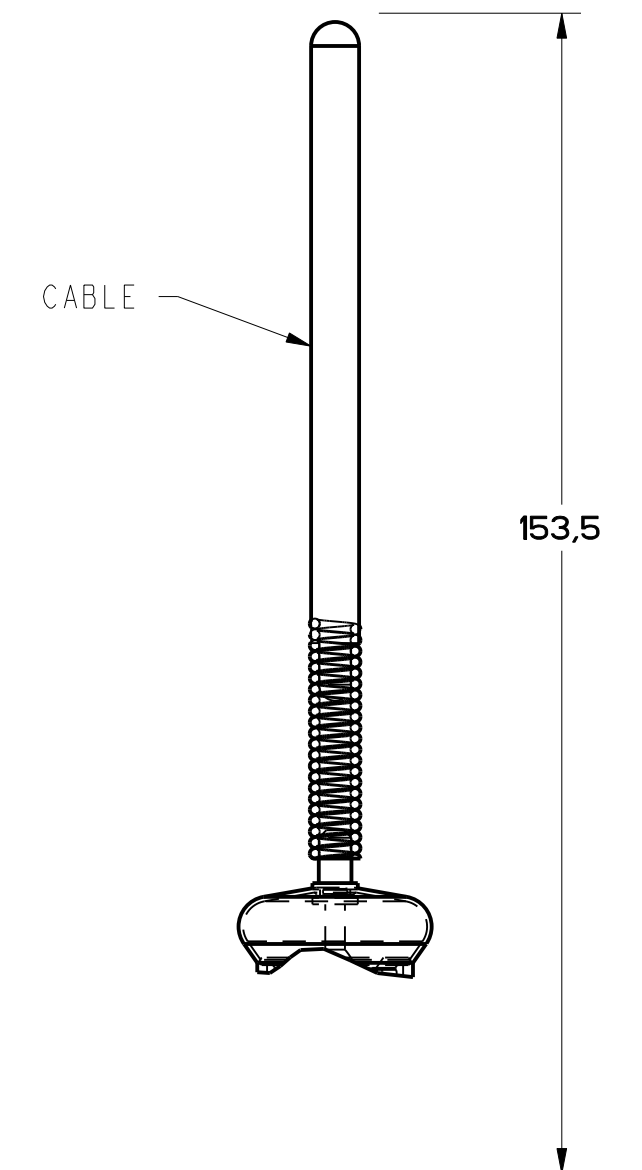
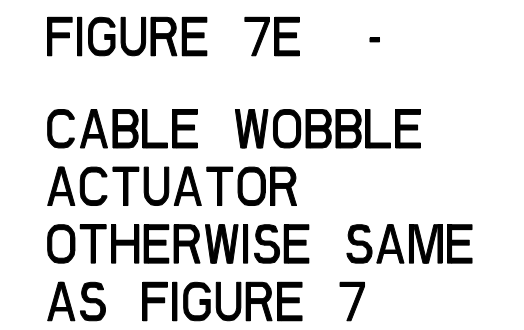
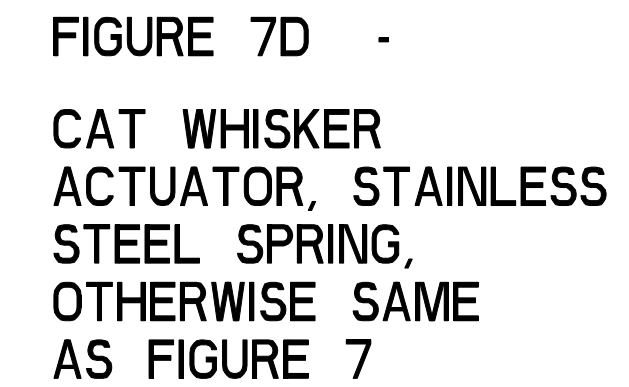
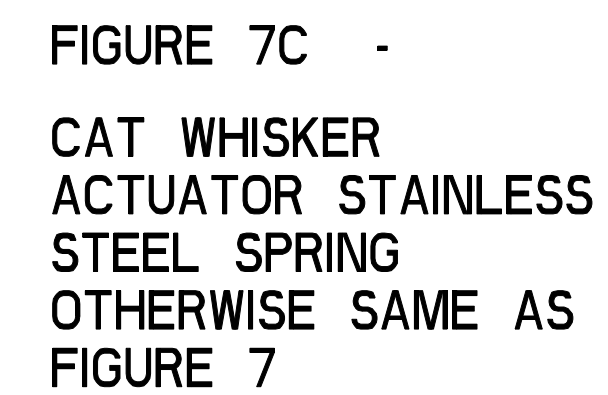
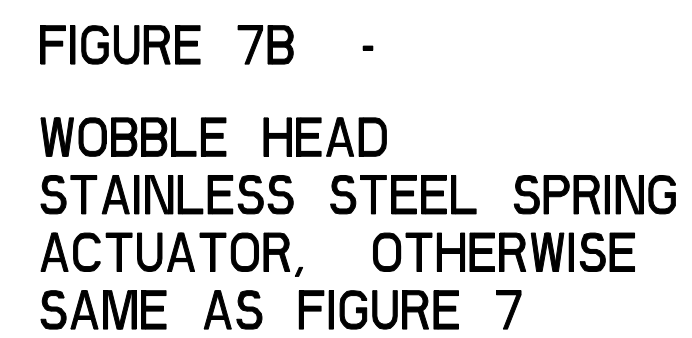
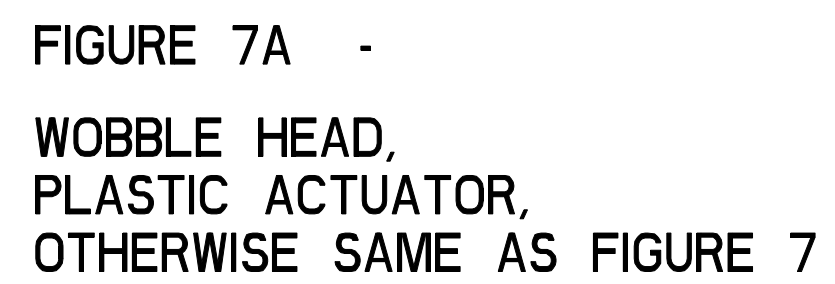
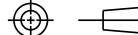


FIGURE 7 - WOBBLE HEAD, AND CAT WHISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

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FED. MFG. CODE 91929	SWITCH, ENCLOSED	CATALOG LISTING
MICRO SWITCH a Honeywell Division		HL SERIES CHART 2

THIRD ANGLE PROJECTION			
			
SCALE FULL			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE :			
	DIM. mm	TOL. mm (in)	
NO PLACES ONE PLACE	X .	1 / 64 0.4 / 0.016	X .001 0.381 / 0.015
TWO PLACES	X .XX	0.15 / 0.008	X .01 0.381 / 0.015
THREE PLACES			
ANGLES	± 0° 30'		
SI METRIC		US CUSTOMARY	
DESIGN UNITS ☒		US CUSTOMARY ☐	

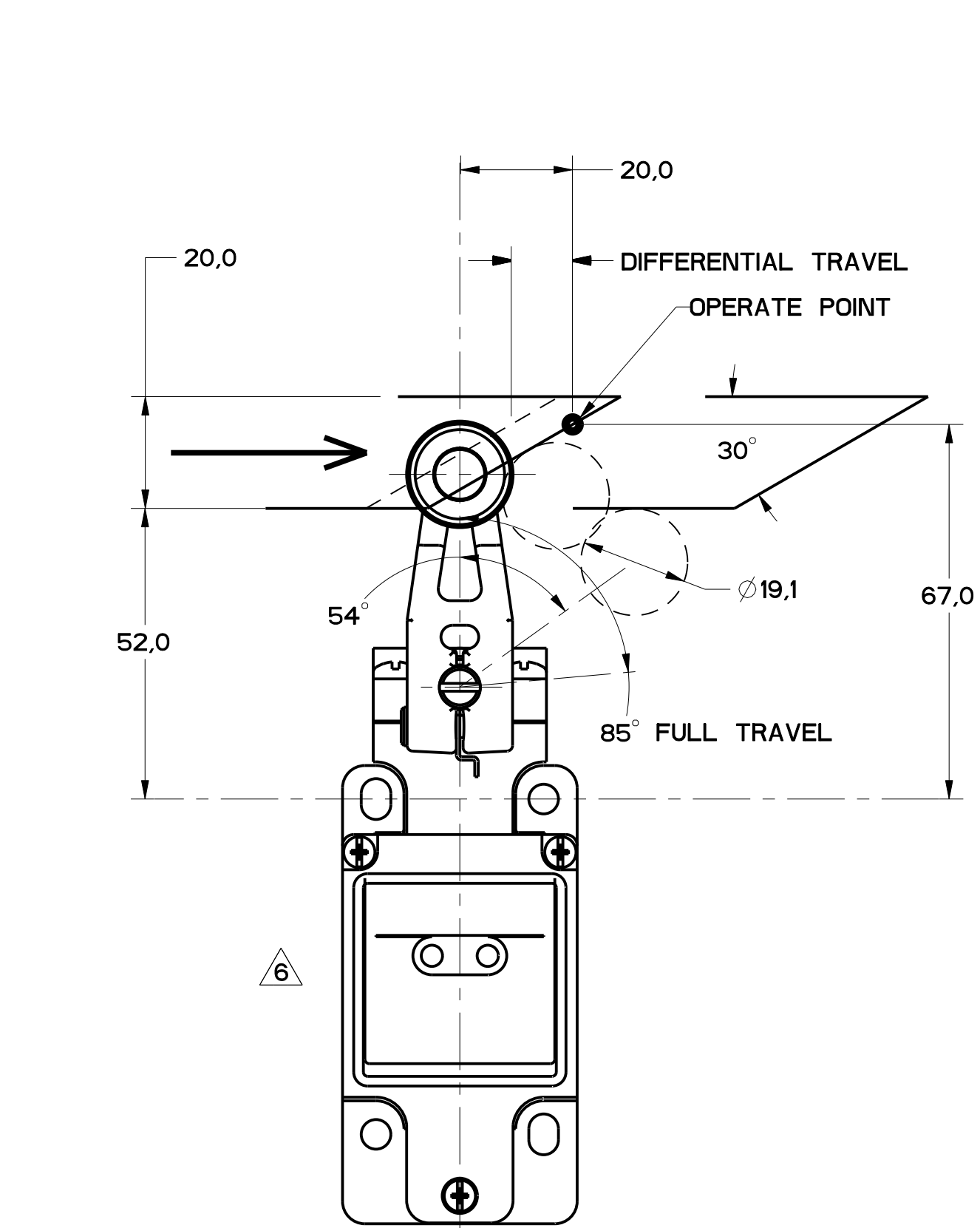


FIGURE 8

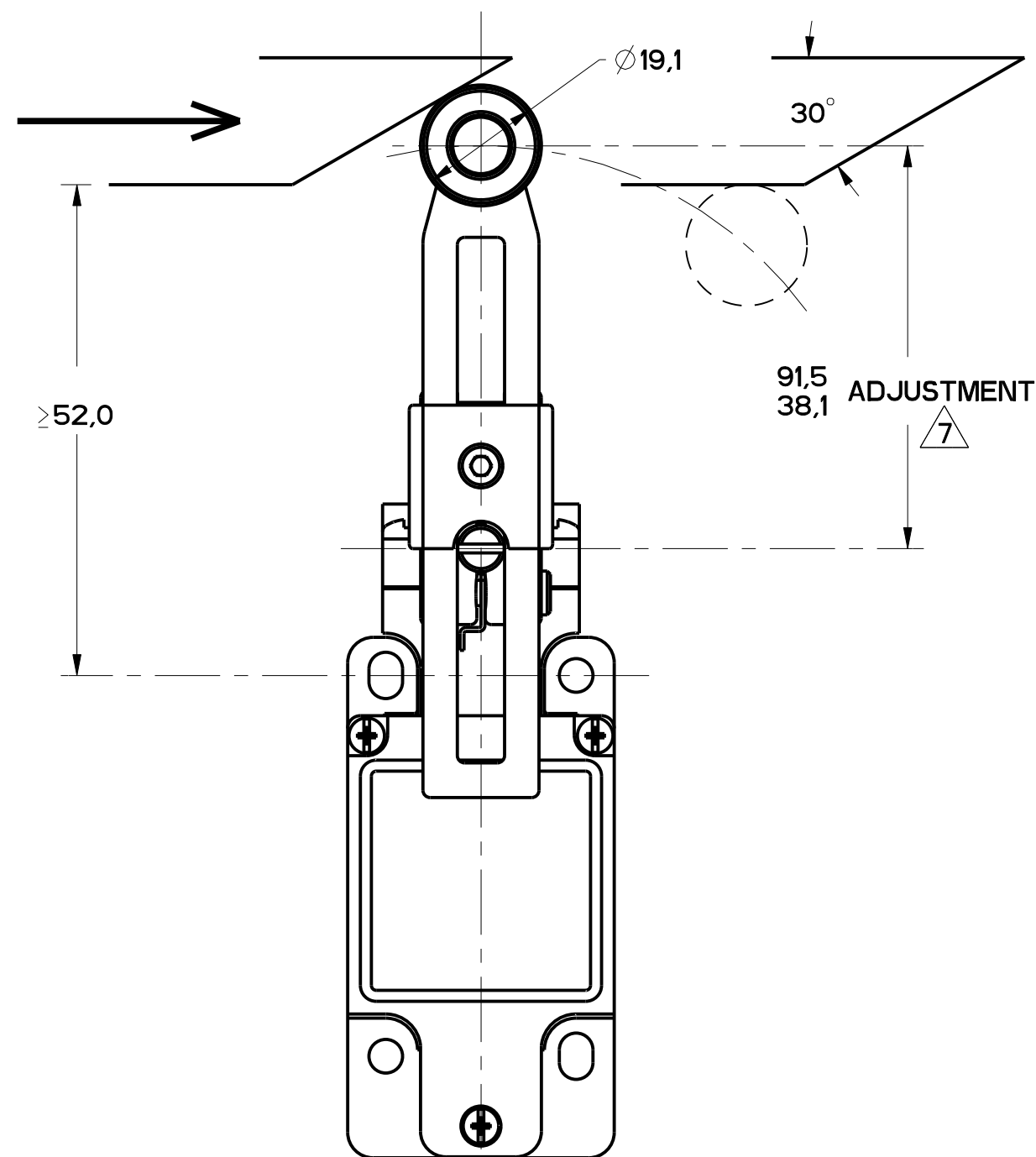


FIGURE 9

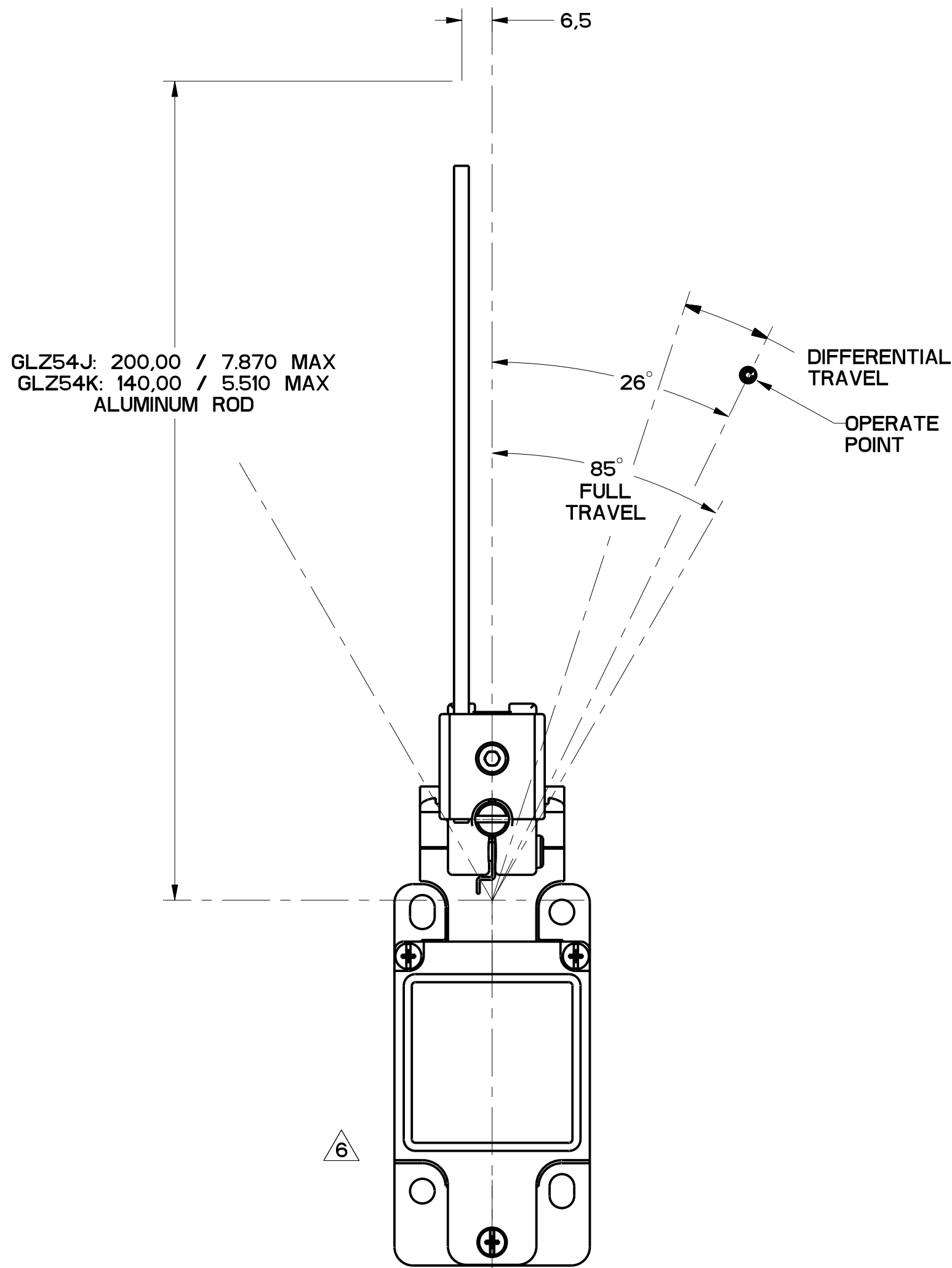


FIGURE 10

FIGURES 8, 9, 10 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	MAXIMUM OPERATING TORQUE N LB-IN	MAXIMUM DISCONNECT TORQUE N LB-IN	MAX OPERATE DEGREE/S	MIN OPERATE DEGREE/S	MAX OPERATE FREQUENCY OPS/MIN
GL**02A*	SNAP - ACTION CONTACTS SINGLE POLE 	21-22 26° 55**° 85° 13-14 12° DIFFERENTIAL TRAVEL	330 2.9	385 3.4	1290	13	250

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 DIMENSIONS IN mm	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**02A*	SNAP - ACTION CONTACTS SINGLE POLE 	21-22 0 20 56** 13-14 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.4 2.6	.85 33.5	.8.5 33.3	250

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES

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

	MM	TOL	IN	TOL
NO PLACES	X	1/104	IN	0.001
ONE PLACE	X.X	0.01/0.05	IN	0.001/0.005
TWO PLACES	X.XX	0.001/0.005	IN	0.001/0.005
THREE PLACES	X.XXX	0.0001/0.0005	IN	0.0001/0.0005

DESIGN UNITS SI METRIC ☒ US CUSTOMARY ☐

WEIGHT

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FED. MFG. CODE 91929

CATALOG LISTING

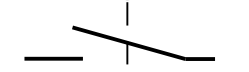
SWITCH, ENCLOSED

GL SERIES CHART 2



FIGURE 12



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	MAXIMUM	MAX	MIN	MAX
			OPERATING FORCE	DISCONNECT FORCE	OPERATE VEL	OPERATE VEL	OPERATE FREQUENCY
			$\frac{N}{LB}$	$\frac{N}{LB}$	$\frac{M/S}{in/S}$	$\frac{M/S}{in/S}$	$\frac{OPS}{MIN}$
GL**02E	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{2.5}{0.6}$	N/A	$\frac{5}{19.7}$	$\frac{11}{.43}$	100

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 1

	IN	MM	IN	MM
NO PLACES	0.1	0.1	0.1	0.1
ONE PLACE	0.01	0.01	0.01	0.01
TWO PLACES	0.001	0.001	0.001	0.001
THREE PLACES	0.0001	0.0001	0.0001	0.0001
ANGLES	1	1	1	1

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

CATALOG LISTING
GL SERIES CHART 2

SI METRIC ☒ US CUSTOMARY ☐

DESIGN UNITS ☒

REVISIONS		
A	CO	78529
B	CS	81101
C	CO	93188
D	CO	93188
E	CO	93188
F	CO	93188
G	CO	93188
H	CO	93188
I	CO	93188
J	CO	93188
K	CO	93188
L	CO	93188
M	CO	93188
N	CO	93188
O	CO	93188
P	CO	93188
Q	CO	93188
R	CO	93188
S	CO	93188
T	CO	93188
U	CO	93188
V	CO	93188
W	CO	93188
X	CO	93188
Y	CO	93188
Z	CO	93188

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 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**02C	SNAP - ACTION CONTACTS SINGLE POLE 	 0.9 DIFFERENTIAL TRAVEL	16 3.6	27 6.0	0.1 3.9	1.0 .04	250

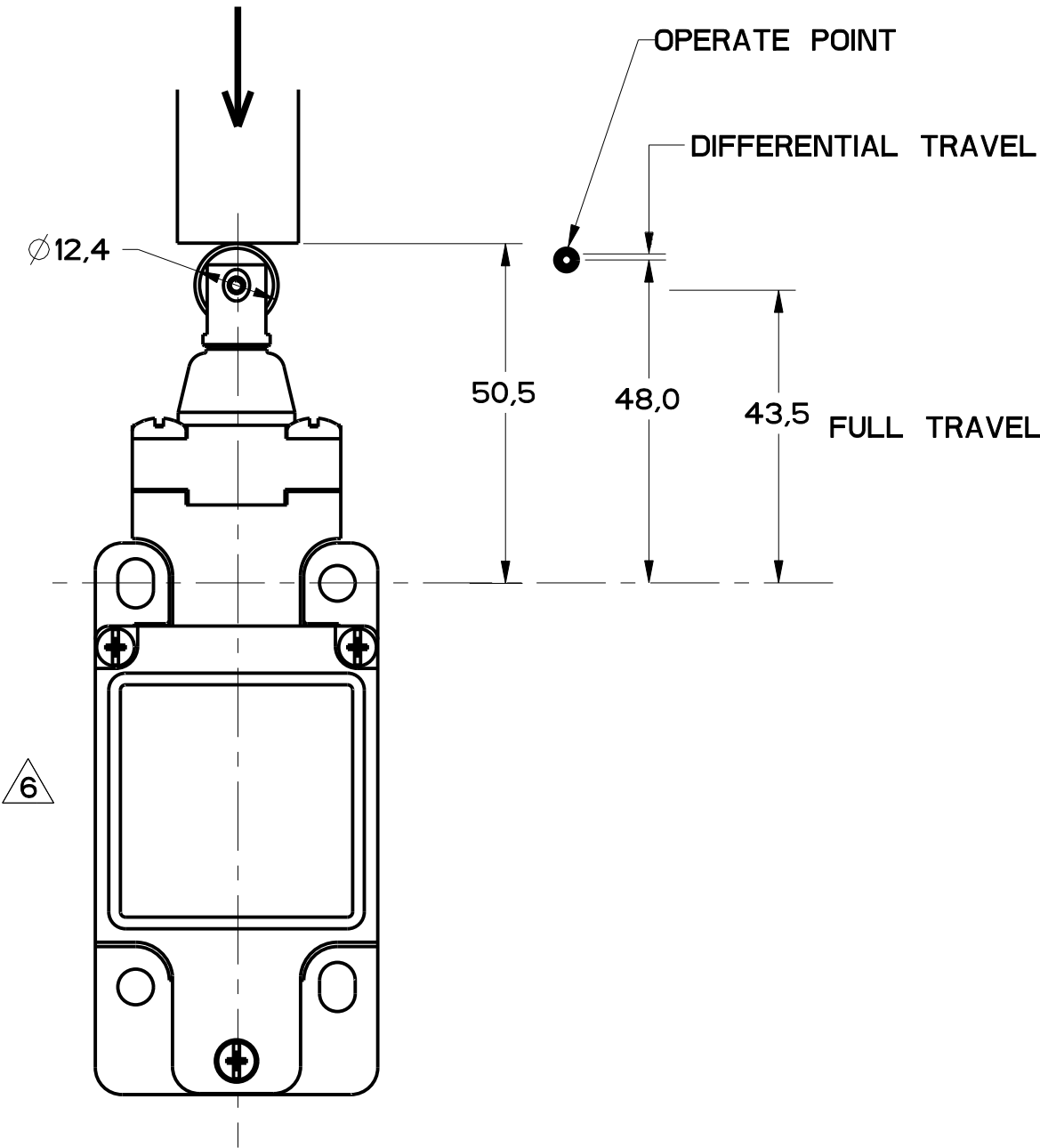


FIGURE 13A

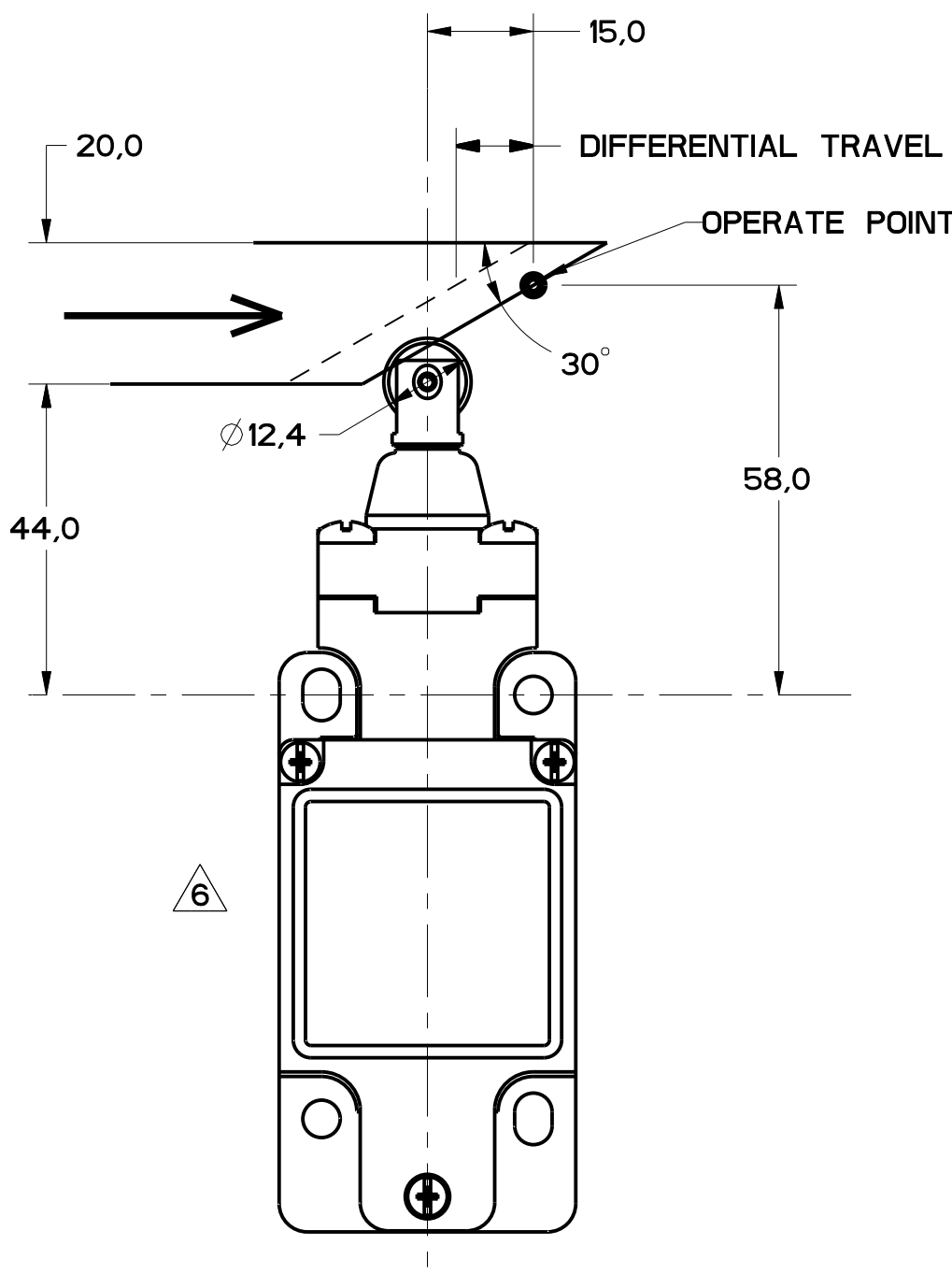


FIGURE 13B

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 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**02C	SNAP - ACTION CONTACTS SINGLE POLE 	 1.8 DIFFERENTIAL TRAVEL	9.3 2.1	15.6 3.5	0.17 6.7	1.7 .067	250

THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
NO PLACES	1/16	1/32	1/64
ONE PLACE	1/16	1/32	1/64
TWO PLACES	1/16	1/32	1/64
THREE PLACES	1/16	1/32	1/64
ANGLES	1/16	1/32	1/64
DESIGN UNITS	SI METRIC	US CUSTOMARY	
WEIGHT			

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FED. MFG. CODE 91929		GL SERIES CHART 2	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	

REVISIONS	
A	12/20/92
B	01/21/94
C	02/01/94
D	02/01/94
E	02/01/94
F	02/01/94
G	02/01/94
H	02/01/94
I	02/01/94
J	02/01/94
K	02/01/94
L	02/01/94
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N	02/01/94
O	02/01/94
P	02/01/94
Q	02/01/94
R	02/01/94
S	02/01/94
T	02/01/94
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V	02/01/94
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X	02/01/94
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Z	02/01/94

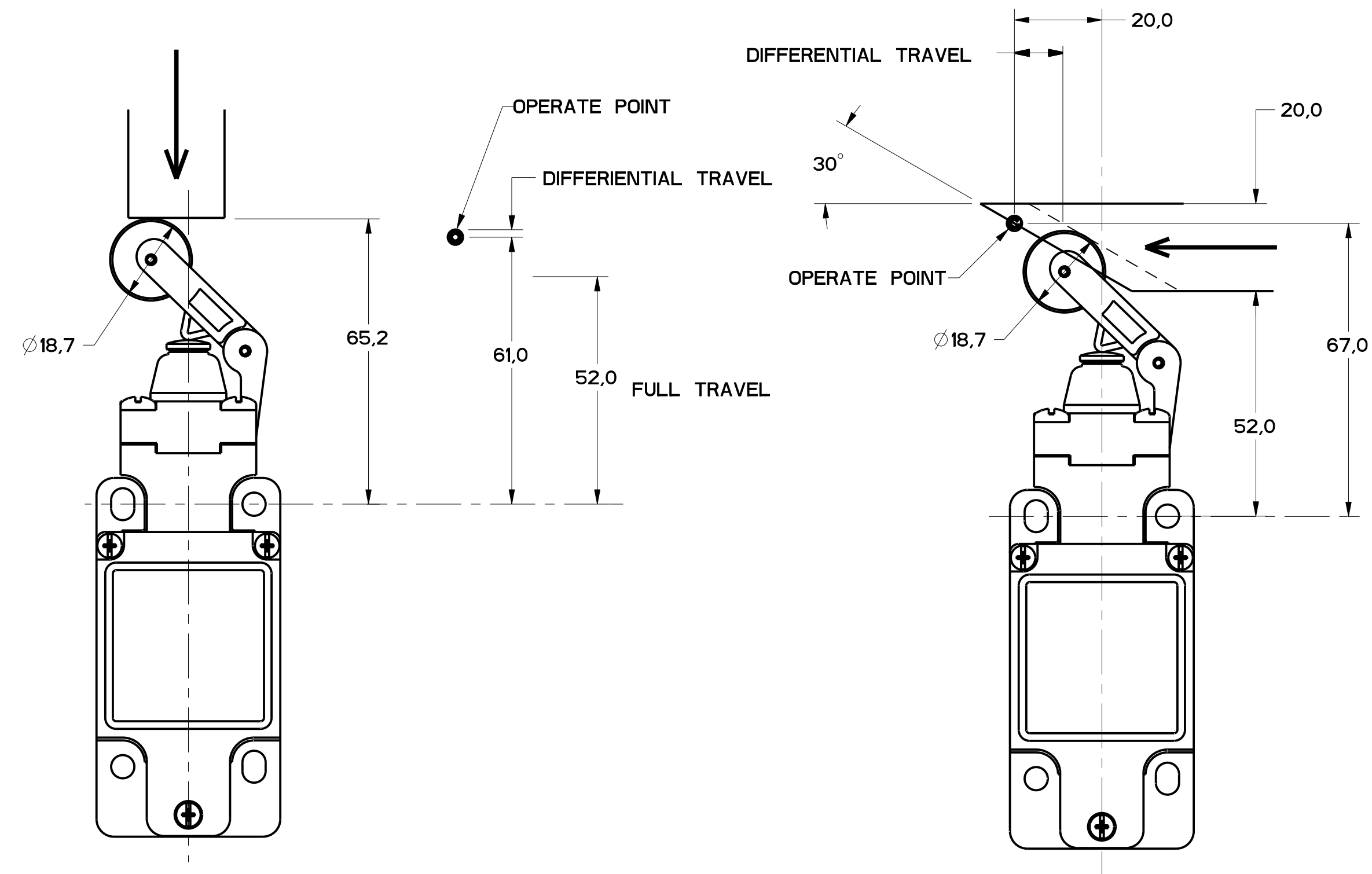


FIGURE 14A

FIGURE 14B

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
GL**02D	SNAP - ACTION CONTACTS SINGLE POLE 	 1.7 DIFFERENTIAL TRAVEL	9.5 2.1	12 2.7	0.17 6.7	0.067 1.7

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
GL**02D	SNAP - ACTION CONTACTS SINGLE POLE 	 4.1 DIFFERENTIAL TRAVEL	5.5 1.2	7.0 1.6	0.29 11.4	2.9 1.1

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FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

CATALOG LISTING

SWITCH, ENCLOSED

GL SERIES CHART 2

DESIGN UNITS

SI METRIC ☒ US CUSTOMARY ☐

WEIGHT

THIRD ANGLE PROJECTION

SCALE FULL

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	1/104	2.X	0.01/05
ONE PLACE	X.X	0.01/016	2.XX	0.01/05
TWO PLACES	X.XX	0.01/006	2.XXX	0.01/05
THREE PLACES	X.XXX	0.01/006		

ANGLES ±2

REVISIONS	
A	CO 78809
B	CO 80101
C	CO 80101
D	CO 80101
E	CO 80101
F	CO 80101
G	CO 80101
H	CO 80101
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Q	CO 80101
R	CO 80101
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X	CO 80101
Y	CO 80101
Z	CO 80101

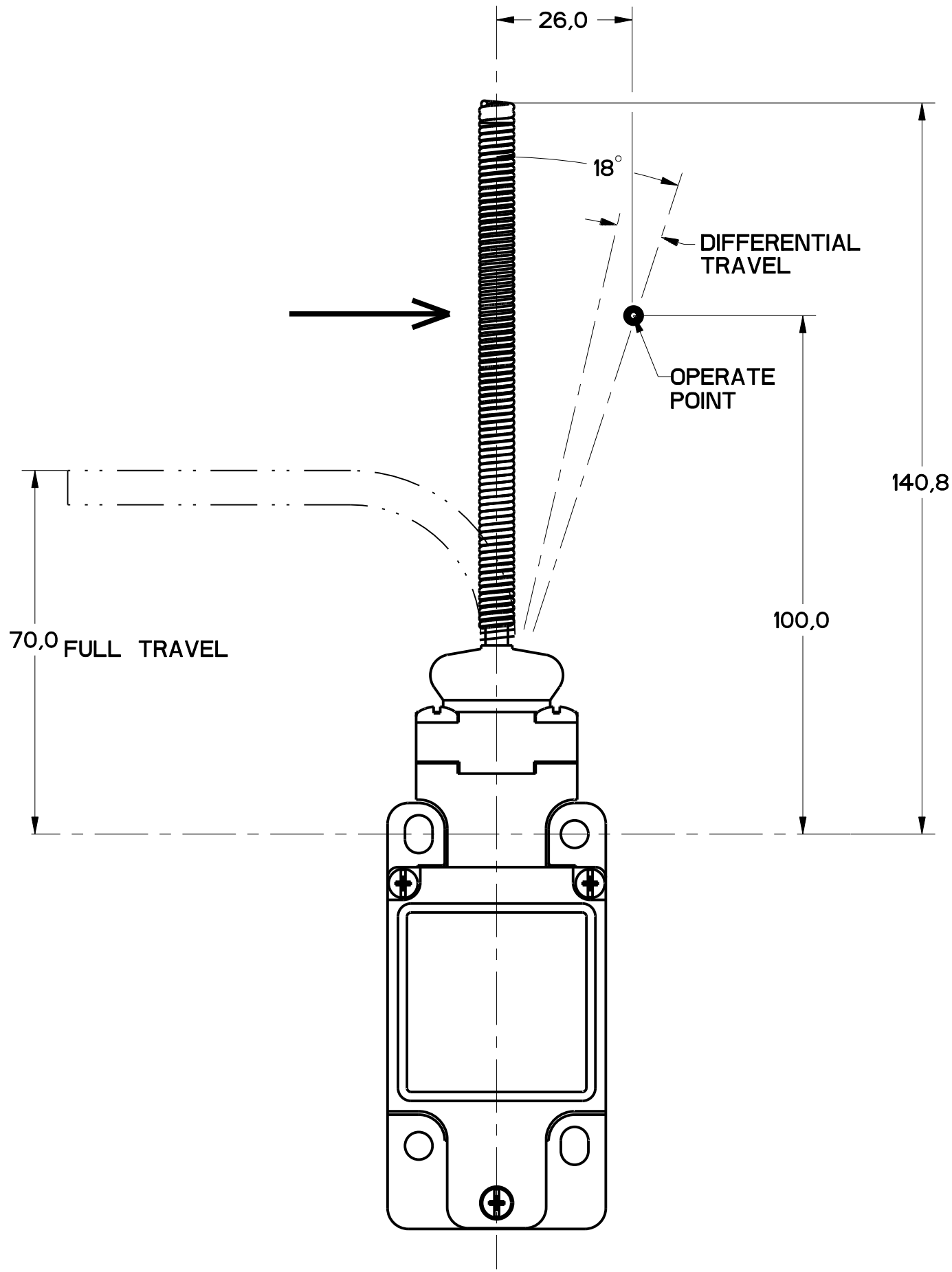


FIGURE 15

FIGURE 15, CAT WISKER HEAD, ANGULAR ACTUATION						
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN, DIFFERENTIAL TRAVEL	MAXIMUM OPERATING TORQUE m LB-IN	MAXIMUM DISCONNECT TORQUE m LB-IN	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S
GL**02K	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 13-14 18° 8° DIFFERENTIAL TRAVEL	0.1 .9	N/A	360	8

FIGURE 15, CAT WISKER HEAD, SIDE ACTUATION AT 100mm						
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN, DIFFERENTIAL TRAVEL	MAXIMUM OPERATING FORCE N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL m/s in/s	MIN OPERATE VEL m/s in/s
GL**02K	SNAP - ACTION CONTACTS SINGLE POLE 	 21-22 13-14 26 12 DIFFERENTIAL TRAVEL	1.3 .3	N/A	.5 19.7	.11 .43

Данный компонент на территории Российской Федерации

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<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

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