

SIDE ROTARY

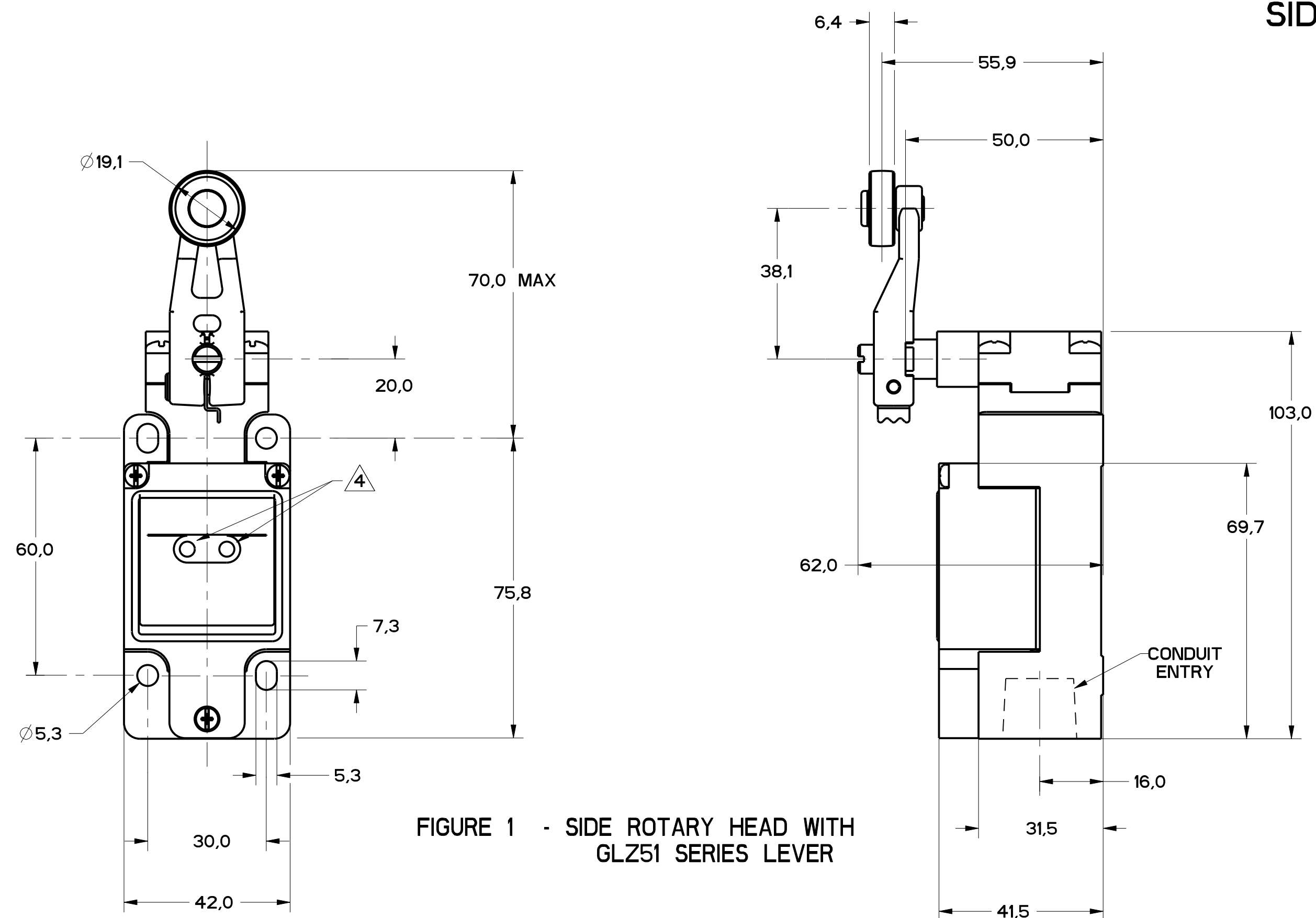


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

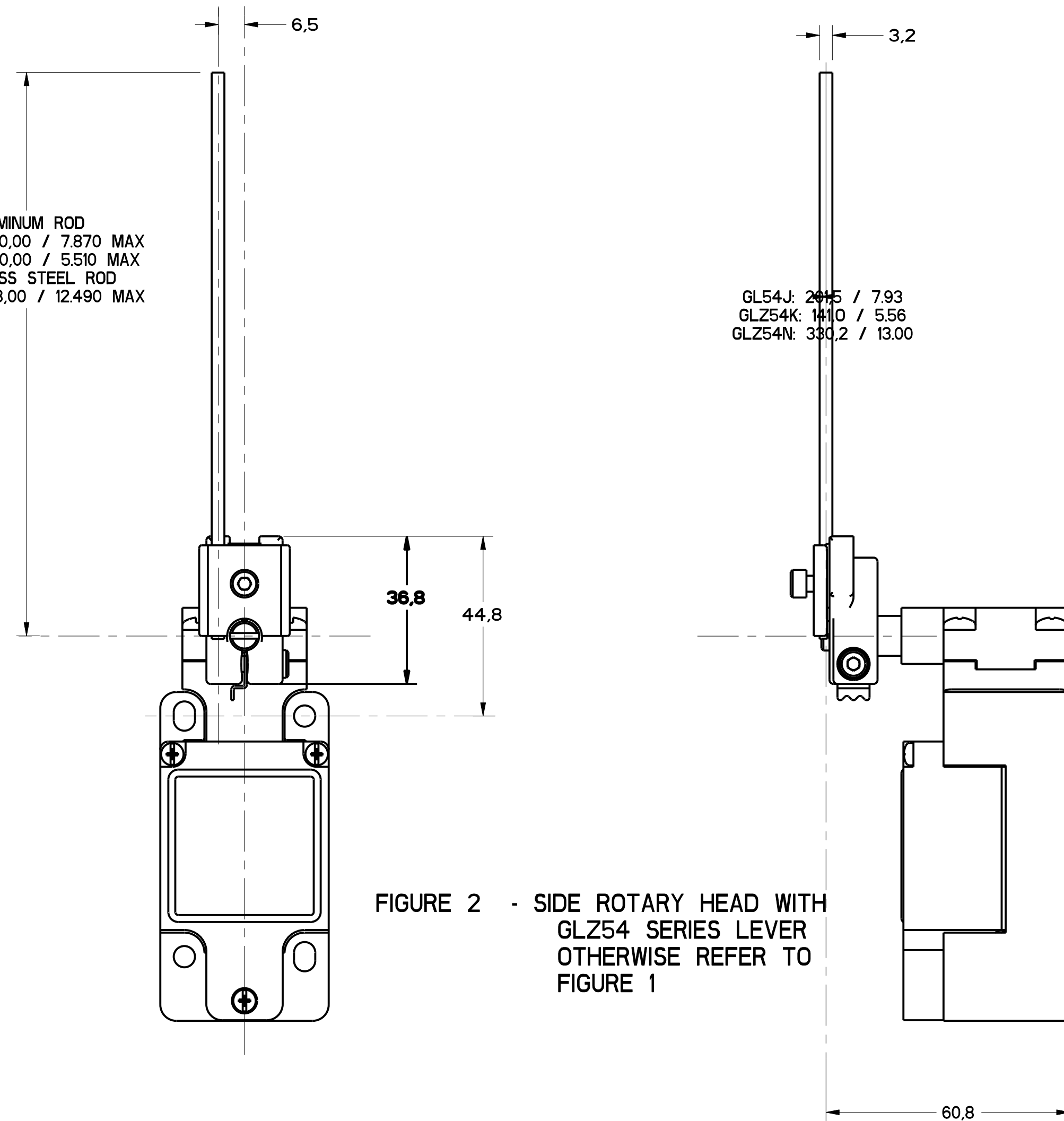


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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 $\Delta 5$			
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

NOTES

- HEADS MAY BE INDEXED IN 90° INCREMENTS.
- LEVERS MAY BE KEYED TO THE SHAFT AT 90° INCREMENTS. THEY MAY ALSO BE ATTACHED, BUT NOT KEYED ANYWHERE ON THE SHAFT.
- FOR ADDITIONAL LEVERS SEE "M" DRAWING CHART GLZ5
- THE RIGHT INDICATOR IS YELLOW AND INDICATES "OUTPUT STATUS" IT IS ON GLG SERIES PRODUCTS ONLY.
- THE MAXIMUM VOLTAGE, V_e OF GLG SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS
- FREE POSITION, OPERATE POINT, OVERTRAVEL AND PRETRAVEL ALL TO EN50041
- CAM TRAVEL FOR FIG 9 ONLY APPLIES WHEN LEVER IS ADJUSTED TO 38.1 / 1.50
- 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

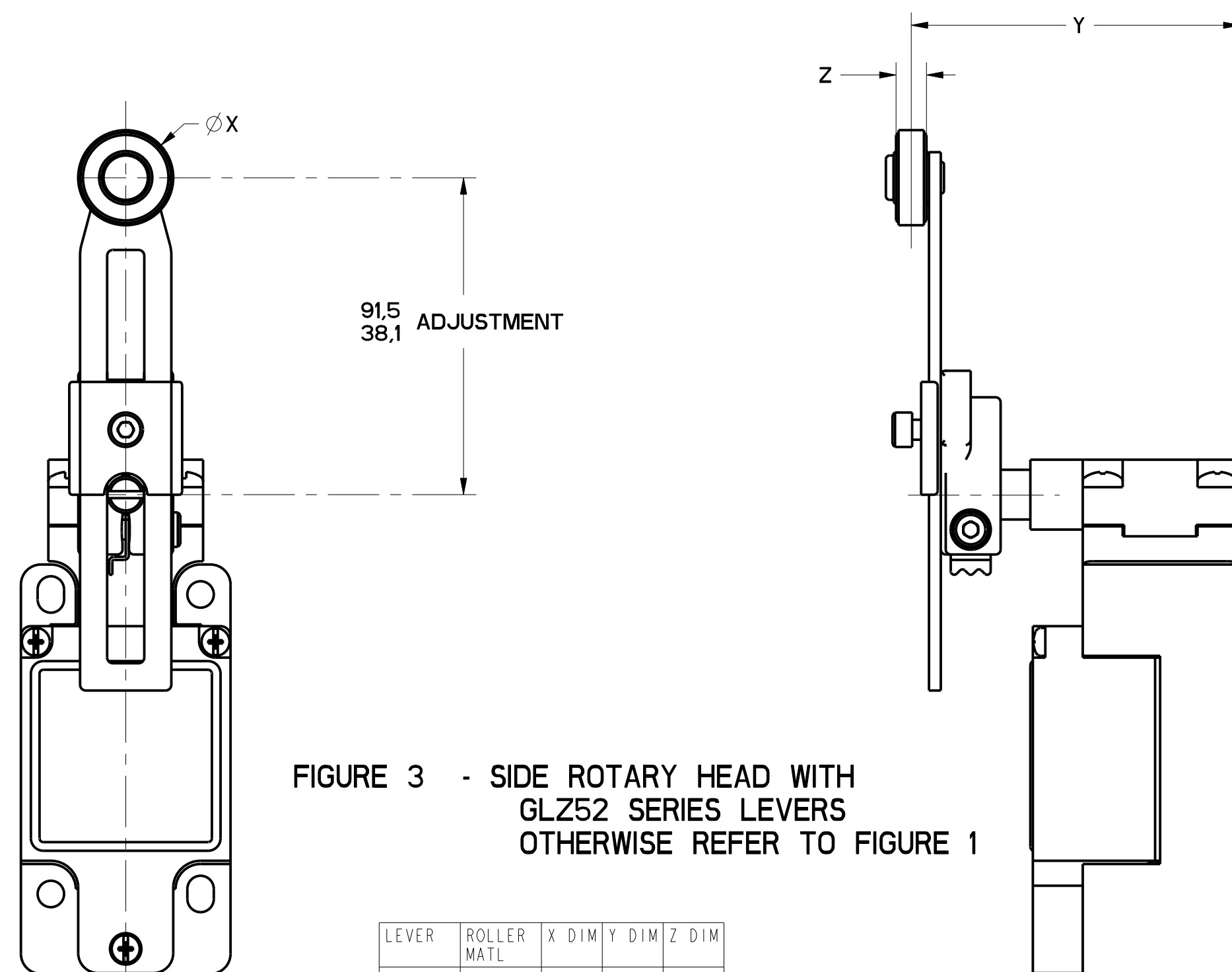


FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

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 1.5	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***	1A	N/A	N/A
GL*B***	1B	N/A	N/A
GL*C***	1C	N/A	N/A
GL*D***	1D	N/A	N/A
GL***A1*	I	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

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.		CATALOG LISTING	
FED. MFG. CODE 91929		SWITCH, ENCLOSED	
MICRO SWITCH a Honeywell Division		GL SERIES CHART 2	
DESIGN UNITS		WEIGHT	

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	INCHES	0.001	0.001
ONE PLACE	INCHES	0.01	0.01
TWO PLACES	INCHES	0.01	0.01
THREE PLACES	INCHES	0.001	0.001
ANGLES	DEGREES	0.1	0.1
SI METRIC		US CUSTOMARY	
DESIGN UNITS		WEIGHT	

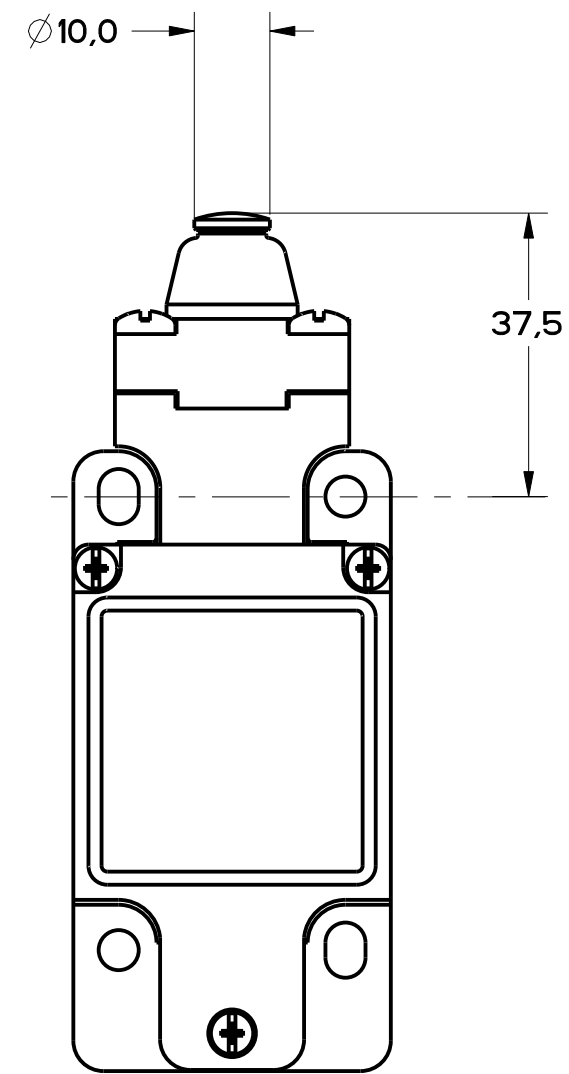


FIGURE 4 - TOP PIN PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

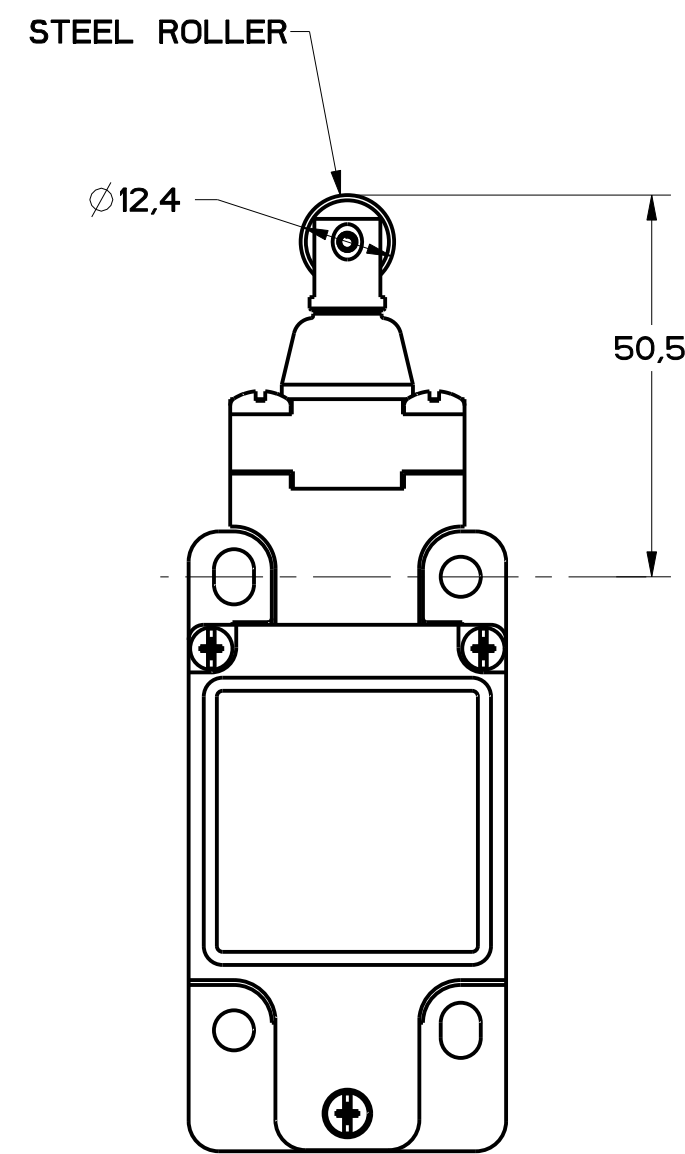
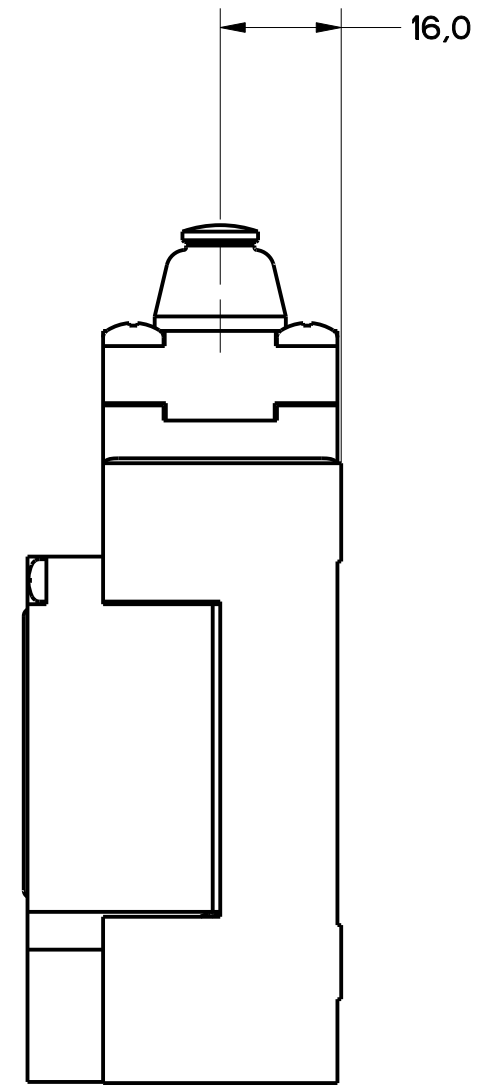


FIGURE 5 - TOP ROLLER PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

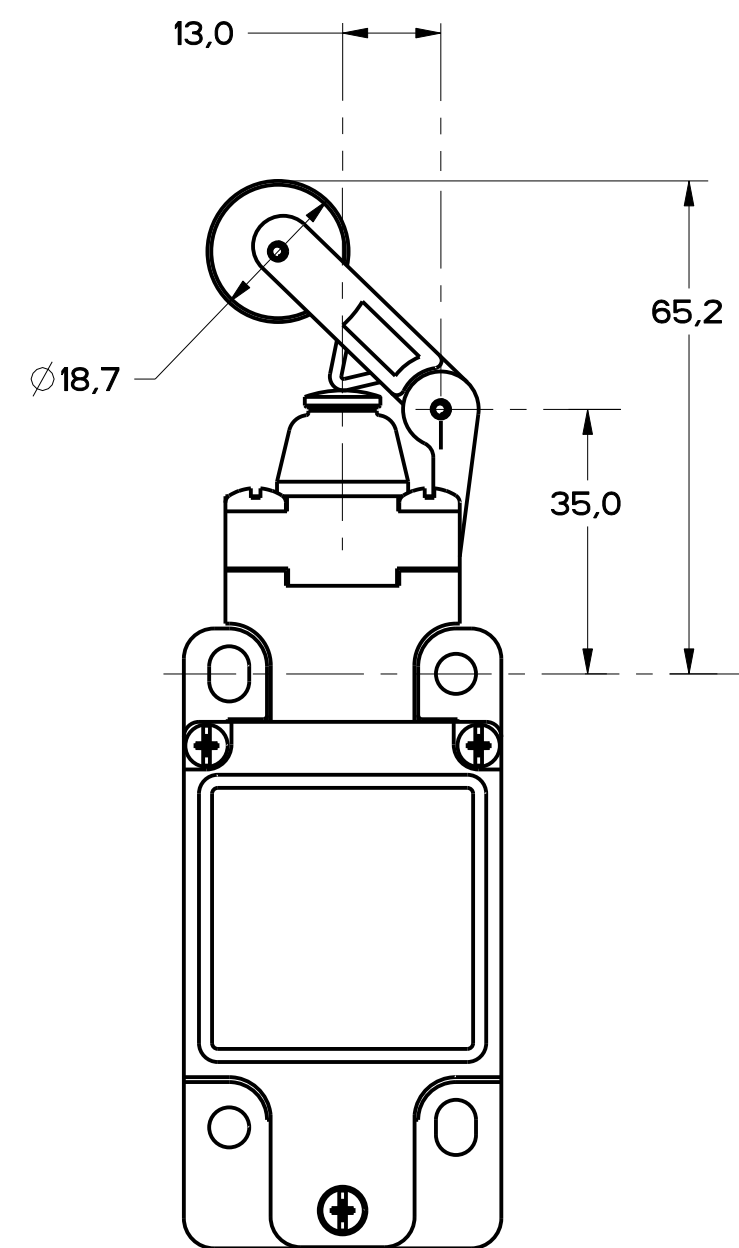
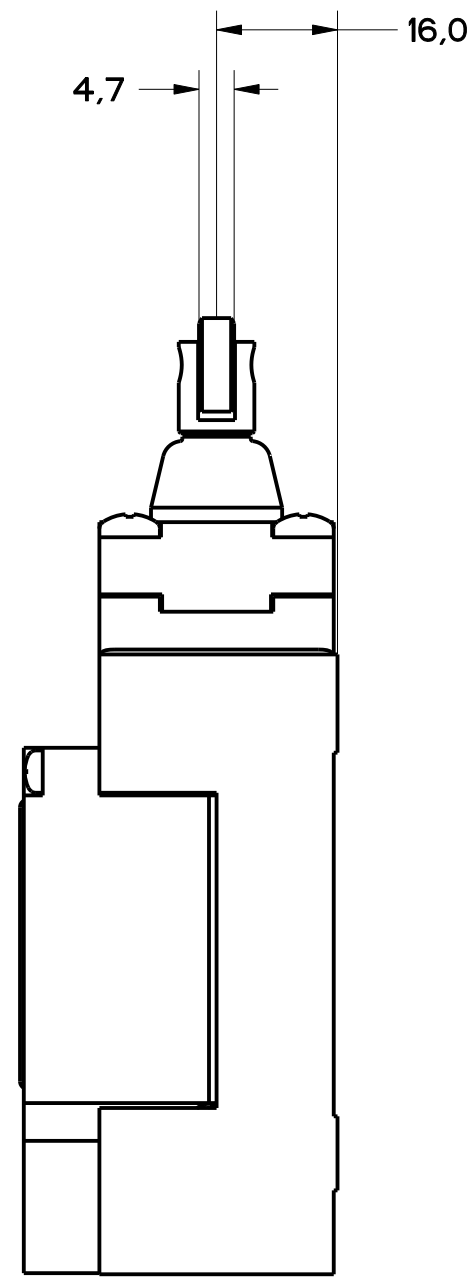
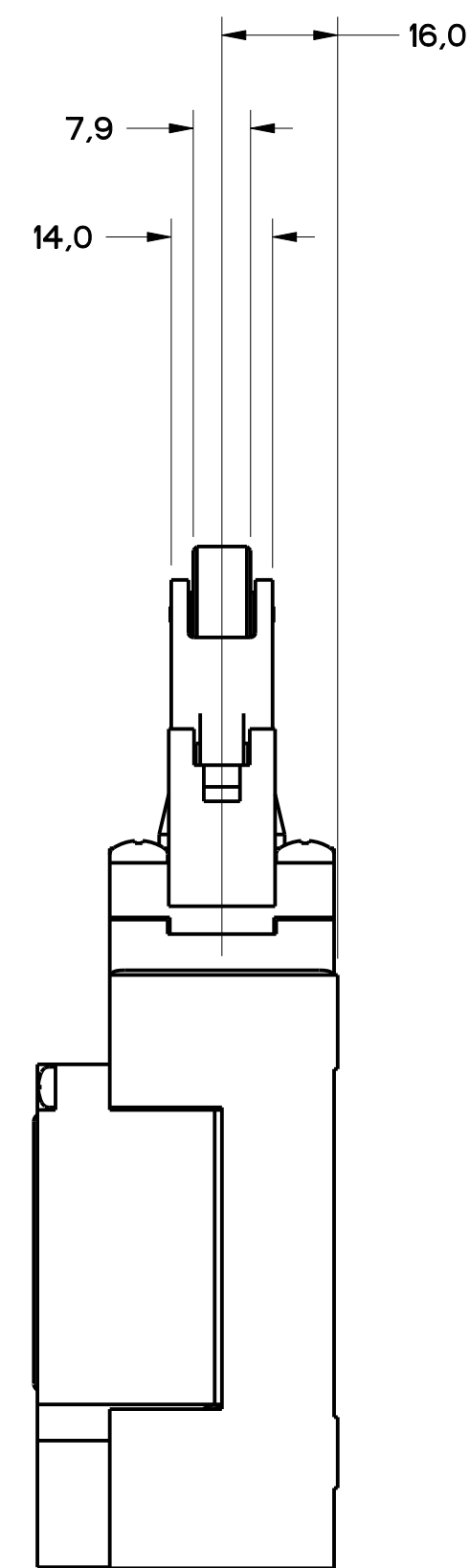
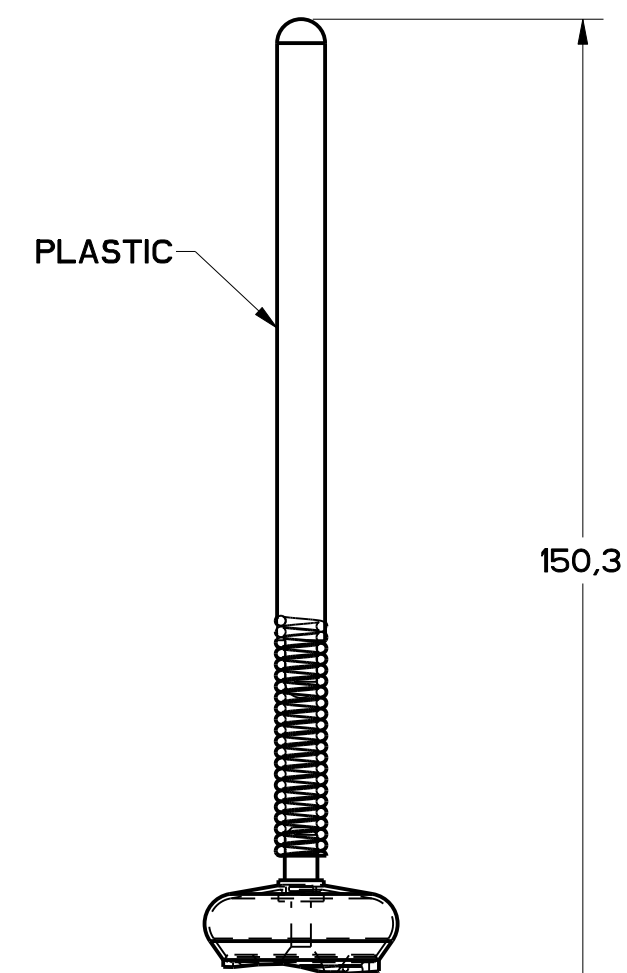


FIGURE 6 - TOP LEVER HEAD,
OTHERWISE REFER TO
FIGURE 1





Technical drawing of a lamp. The drawing shows a side profile of the lamp. It has a rounded base, a threaded neck, and a long, thin stem. The total height is indicated as 165,1 cm. The diameter of the stem is indicated as Ø1,3 cm.

Technical drawing of a bolt. The bolt has a hexagonal head at the bottom, a threaded shank in the middle, and a smooth shank at the top. A vertical dimension line on the right indicates the total height from the top of the head to the top of the smooth shank, with the value 139.7.

Technical drawing of a long, thin rod. The rod has a threaded base section. A dimension line indicates a length of 190,5. The diameter of the rod is labeled as $\varnothing 1,2$.

CABLE

153,5

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

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 / .01</td><td>SW in</td><td>TOL in</td></tr><tr><td>NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES</td><td>0.1 / .004 0.4 / .016 0.151 / .006 ±.002</td><td>0.1 / .004 0.4 / .016 0.151 / .006 ±.002</td><td>0.001 / .001 0.001 / .001 0.001 / .001 0.131 / .005</td></tr></table>		SW mm	TOL mm / .01	SW in	TOL in	NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES	0.1 / .004 0.4 / .016 0.151 / .006 ±.002	0.1 / .004 0.4 / .016 0.151 / .006 ±.002	0.001 / .001 0.001 / .001 0.001 / .001 0.131 / .005
SW mm	TOL mm / .01	SW in	TOL in								
NO PLACES ONE PLACE TWO PLACES THREE PLACES ANGLES	0.1 / .004 0.4 / .016 0.151 / .006 ±.002	0.1 / .004 0.4 / .016 0.151 / .006 ±.002	0.001 / .001 0.001 / .001 0.001 / .001 0.131 / .005								
FED. MFG. CODE 91929	CATALOG LISTING	<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									
 MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 2									
		WEIGHT									



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 $\frac{\text{N}}{\text{LB}}$	MAXIMUM DISCONNECT FORCE $\frac{\text{N}}{\text{LB}}$	MAX. OPERATE VEL. $\frac{\text{M/S}}{\text{in/S}}$	MIN. OPERATE VEL. $\frac{\text{mm/S}}{\text{in/S}}$	MAX. OPERATE FREQUENCY OPS/MIN
GL**02A*	Snap - Action Contacts Single Pole 	0 21-22 13-14 20  56** > < 12 DIFFERENTIAL TRAVEL	9.7 2.2	11.4 2.6	.85 33.5	8.5 .33	250

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>DIM mm</td><td>TOL mm (+/-)</td><td>DIM in</td><td>TOL in (+/-)</td></tr><tr><td>NO PLACES</td><td>X</td><td>1/32</td><td>0.0010</td></tr><tr><td>ONE PLACE</td><td>X, X</td><td>0.4/0.016</td><td>0.0015</td></tr><tr><td>TWO PLACES</td><td>X, X, X</td><td>0.15/0.008</td><td>0.0015</td></tr><tr><td>THREE PLACES</td><td></td><td></td><td>0.15/0.005</td></tr><tr><td>ANGLES</td><td></td><td>± 2°</td><td></td></tr></table>		DIM mm	TOL mm (+/-)	DIM in	TOL in (+/-)	NO PLACES	X	1/32	0.0010	ONE PLACE	X, X	0.4/0.016	0.0015	TWO PLACES	X, X, X	0.15/0.008	0.0015	THREE PLACES			0.15/0.005	ANGLES		± 2°	
DIM mm	TOL mm (+/-)	DIM in	TOL in (+/-)																								
NO PLACES	X	1/32	0.0010																								
ONE PLACE	X, X	0.4/0.016	0.0015																								
TWO PLACES	X, X, X	0.15/0.008	0.0015																								
THREE PLACES			0.15/0.005																								
ANGLES		± 2°																									
FED. MFG. CODE 91929	CATALOG LISTING																										
 MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 2	<table><tr><td>SI METRIC</td><td>US CUSTOMARY</td></tr><tr><td>DESIGN UNITS</td><td>☒</td></tr></table>	SI METRIC	US CUSTOMARY	DESIGN UNITS	☒																				
		SI METRIC	US CUSTOMARY																								
DESIGN UNITS	☒																										
WEIGHT																											

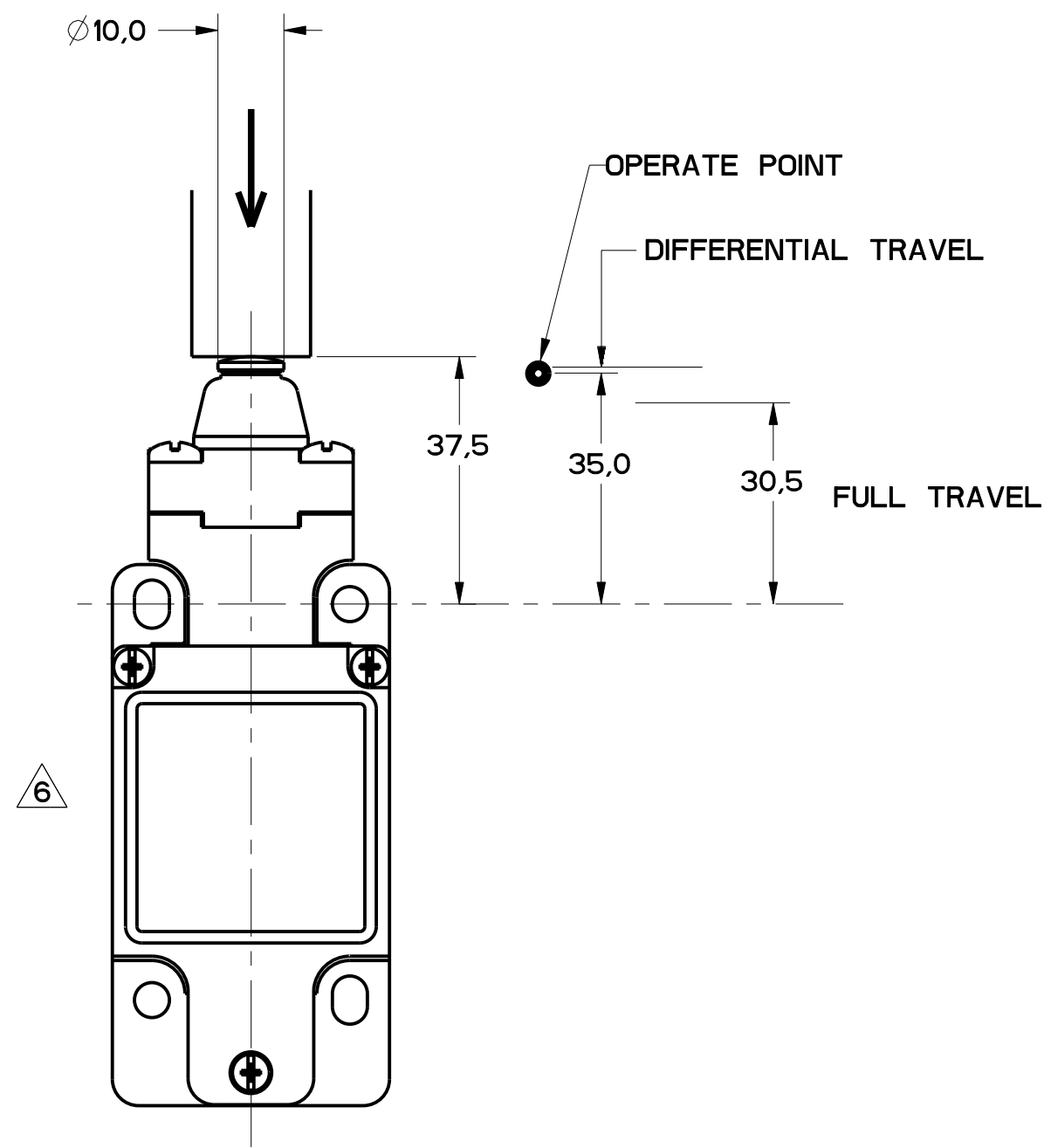


FIGURE 11

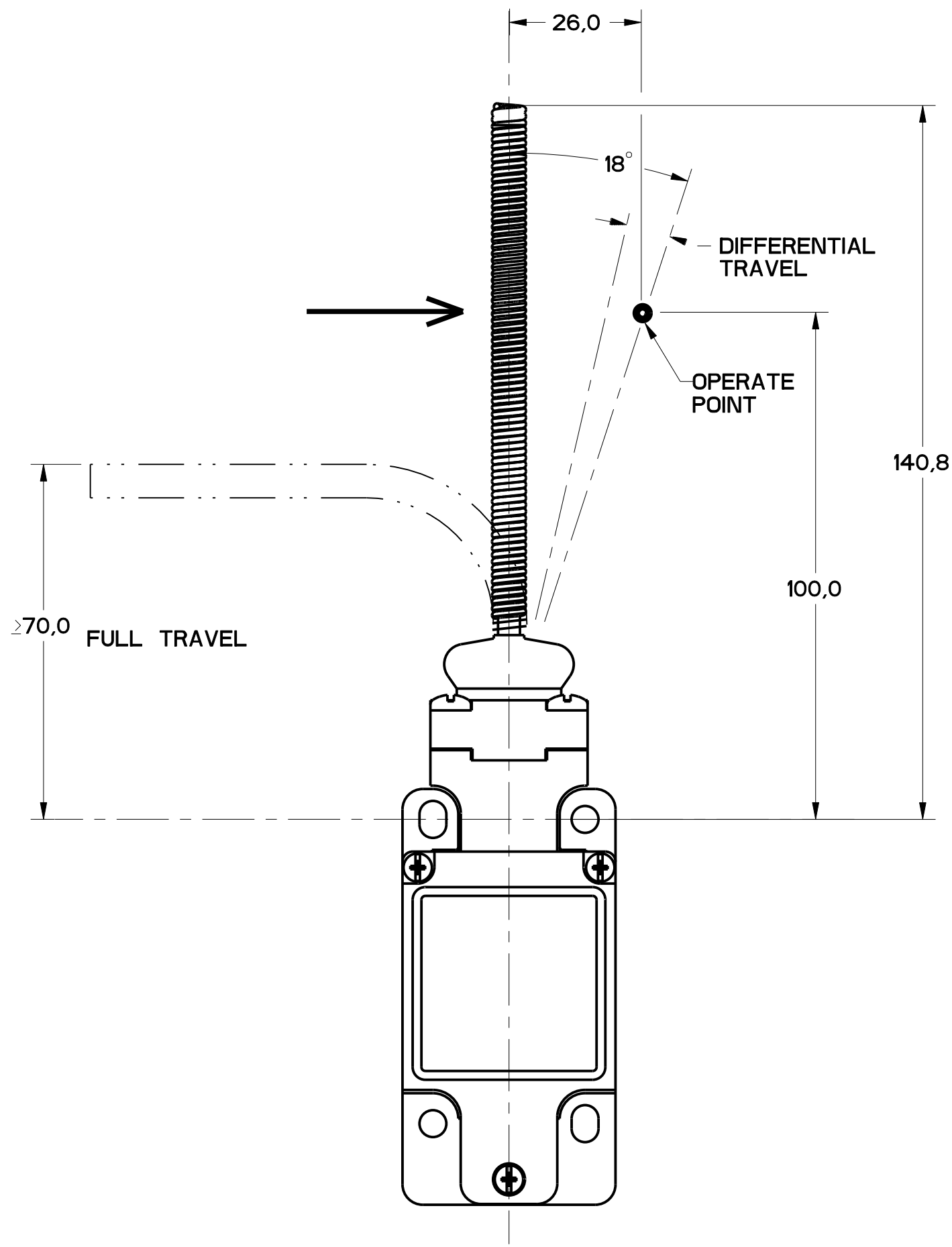


FIGURE 12

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 N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S in/S	MIN OPERATE VEL M/S in/S
GL**02B	SNAP - ACTION CONTACTS SINGLE POLE 	 0.9 DIFFERENTIAL TRAVEL	16 3.6	27 6.0	0.1 3.9	1.0 .04

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 m LB/in	MAXIMUM DISCONNECT TORQUE m LB/in	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S
GL**02E	SNAP - ACTION CONTACTS SINGLE POLE 	 8° DIFFERENTIAL TRAVEL	0.2 1.8	N/A	360	8

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 N LB	MAXIMUM DISCONNECT FORCE N LB	MAX OPERATE VEL M/S in/S	MIN OPERATE VEL M/S in/S
GL**02E	SNAP - ACTION CONTACTS SINGLE POLE 	 12 DIFFERENTIAL TRAVEL	2.5 0.6	N/A	.5 19.7	11 .43

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 mm/s in/s	MAX OPERATE FREQUENCY OPS/MIN
GL**02C	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

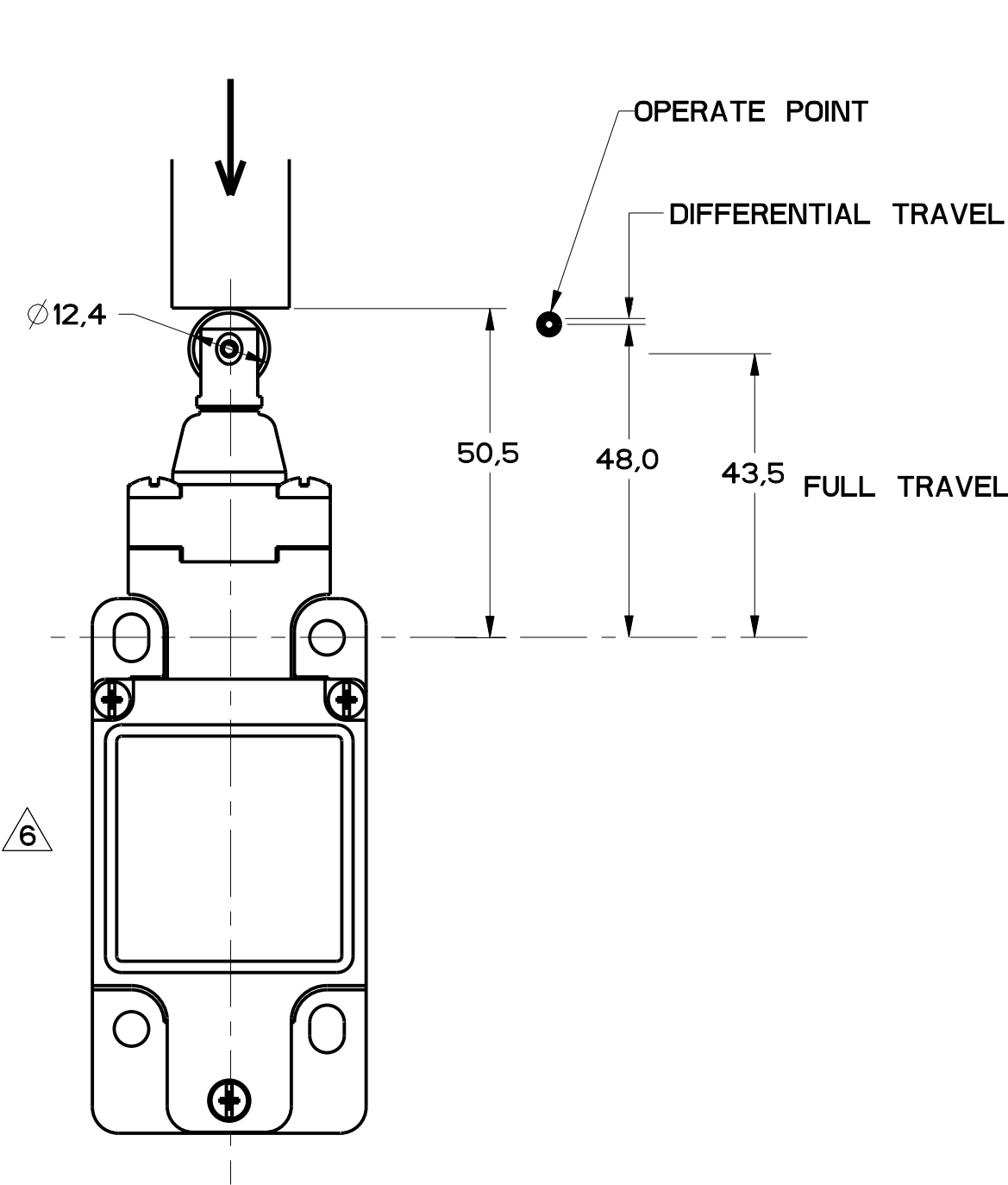


FIGURE 13A

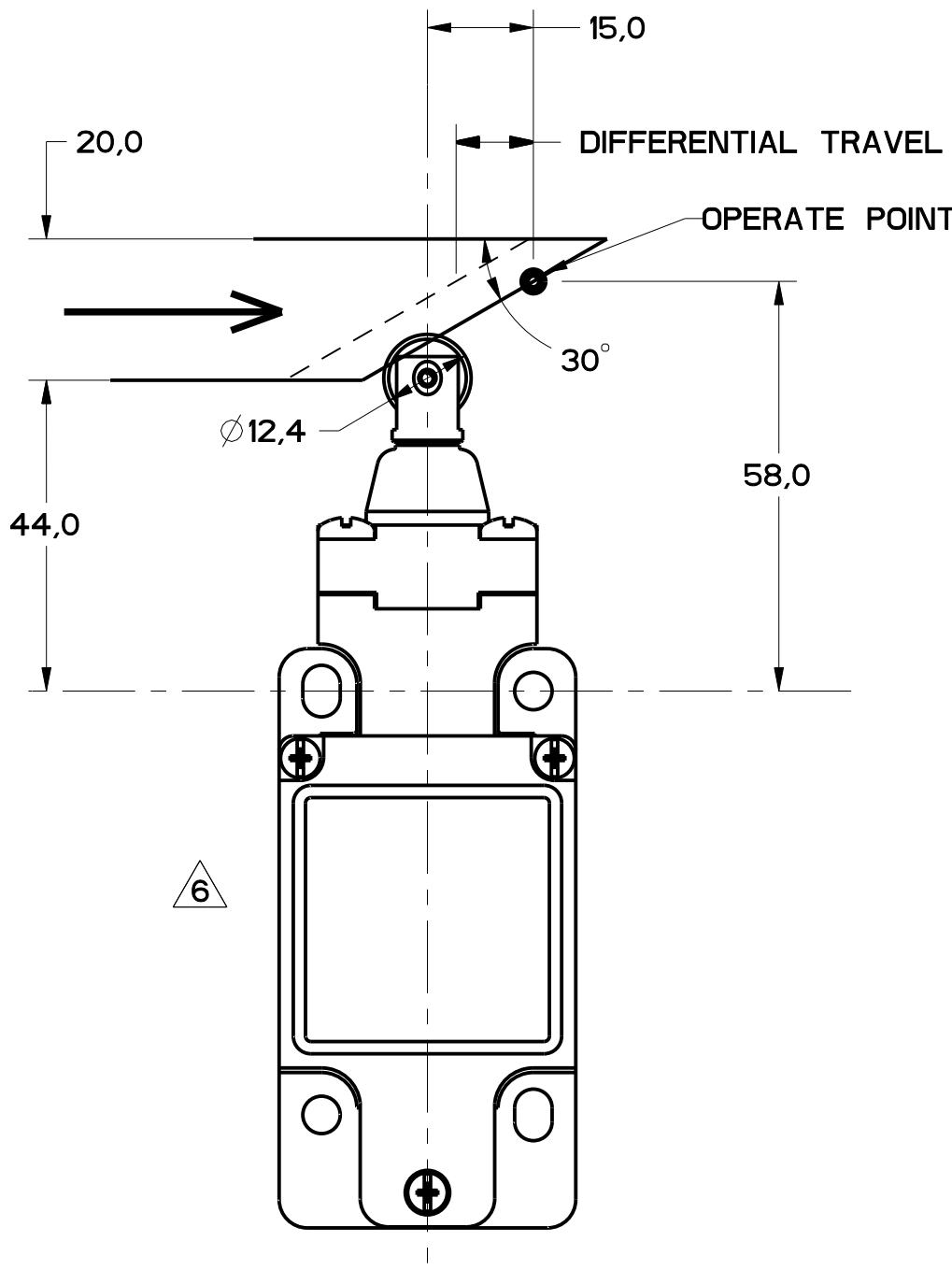


FIGURE 13B

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 mm/s in/s	MAX OPERATE FREQUENCY OPS/MIN
GL**02C	SNAP - ACTION CONTACTS SINGLE POLE 	 1.8 DIFFERENTIAL TRAVEL	$\frac{9.3}{2.1}$	$\frac{15.6}{3.5}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	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	1	180292
B	1	01
C	20	SEP 94
D	CO	93789
E	REV	200788
F	0000401	
G	011	2 JUN 93
H	0002986	
I	20	JAN 94
J	0017532	
K	0000005	

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**02D	SNAP - ACTION CONTACTS SINGLE POLE 	 1.7 DIFFERENTIAL TRAVEL	9.5 2.1	12 2.7	0.17 6.7	1.7 .067	250

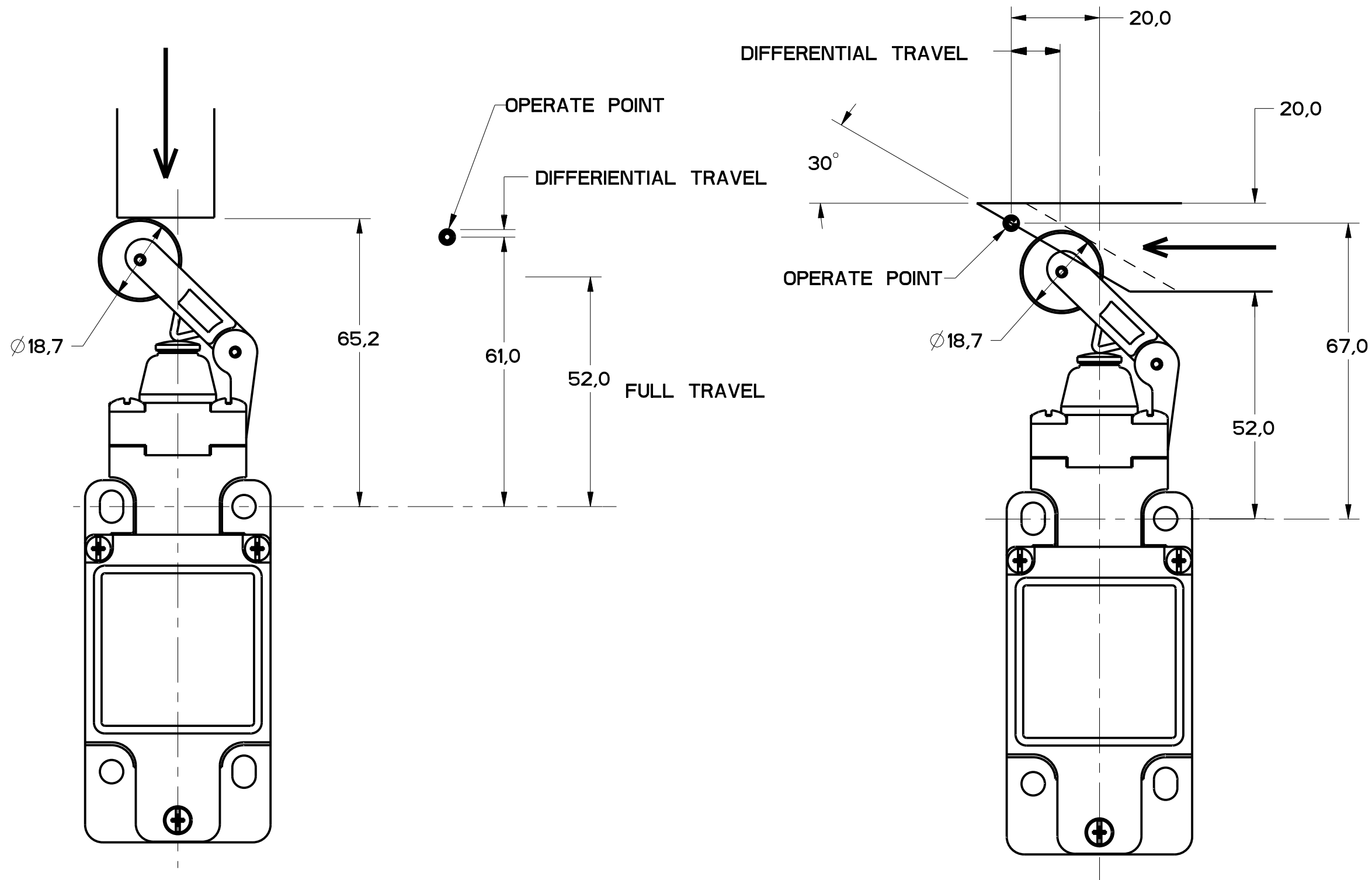


FIGURE 14A

FIGURE 14B

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**02D	SNAP - ACTION CONTACTS SINGLE POLE 	 4.1 DIFFERENTIAL TRAVEL	5.5 1.2	7.0 1.6	0.29 11.4	2.9 .11	250

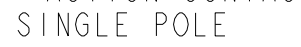
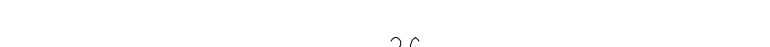
THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
TOLERANCES APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
	MM	TOL	IN
NO PLACES	X	1/104	1/16
ONE PLACE	X.X	0.01/0.05	1/16
TWO PLACES	X.XX	0.001/0.005	1/1000
THREE PLACES	X.XXX	0.0001/0.0005	1/10000
ANGLES	± 2		
DESIGN UNITS	SI METRIC		
	X		
WEIGHT	US CUSTOMARY		
	□		

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MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED		GL SERIES CHART 2	



ANSI Y14.5M-1982 APPLIES

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN, CONTACT CLOSED DIFFERENTIAL TRAVEL	MAXIMUM OPERATING TORQUE N-m LB-IN	MAXIMUM DISCONNECT TORQUE N-m LB-IN	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN
GL**02K	SNAP - ACTION CONTACTS SINGLE POLE 		0.1 9	N/A	360	8	100

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 mm/s in/s	MIN OPERATE VEL mm/s in/s	MAX OPERATE FREQUENCY OPS/MIN
GL**02K	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{1.3}{.3}$	N/A	$\frac{.5}{19.7}$	$\frac{.11}{.43}$	100

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

CATALOG LISTING

GL 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	DIM. mm	TOL. mm
NO PLACES	0	0.15/0.30	0	0.81/0.03
ONE PLACE	0.1	0.15/0.010	0.1	0.100/0.010
TWO PLACES	0.01	0.01/0.005	0.01	0.131/0.005
THREE PLACES	0.001	0.001/0.0005	0.001	0.131/0.005
ANGLES	± 2			
	SI METRIC		US CUSTOMARY	
DESIGN UNITS		☒	☐	
WELDING				

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

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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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