

SIDE ROTARY

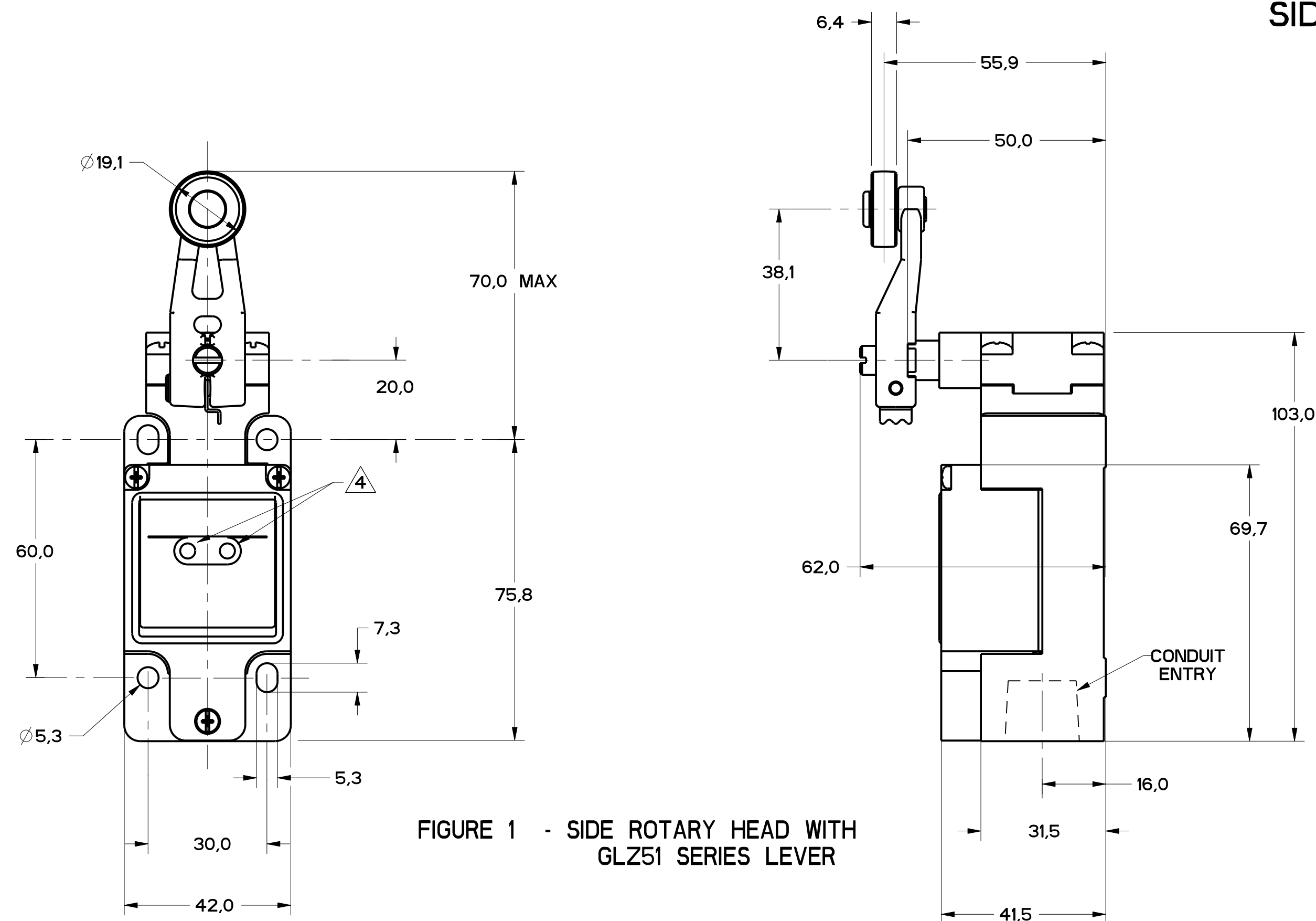


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

ALUMINUM ROD
GLZ54J: 200.00 / 7.870 MAX
GLZ54K: 140.00 / 5.510 MAX
STAINLESS STEEL ROD
GLZ54N: 318.00 / 12.490 MAX

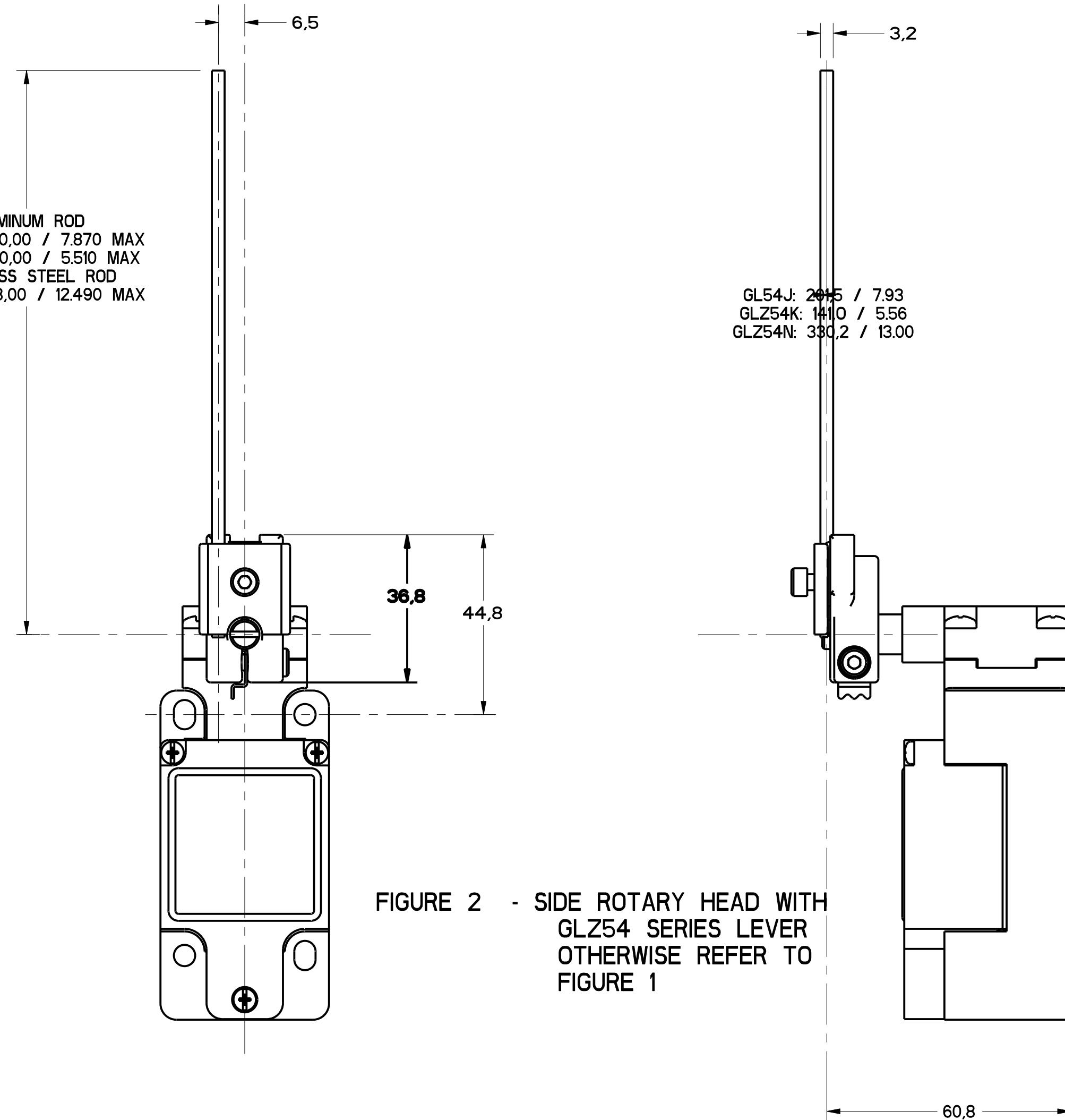


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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

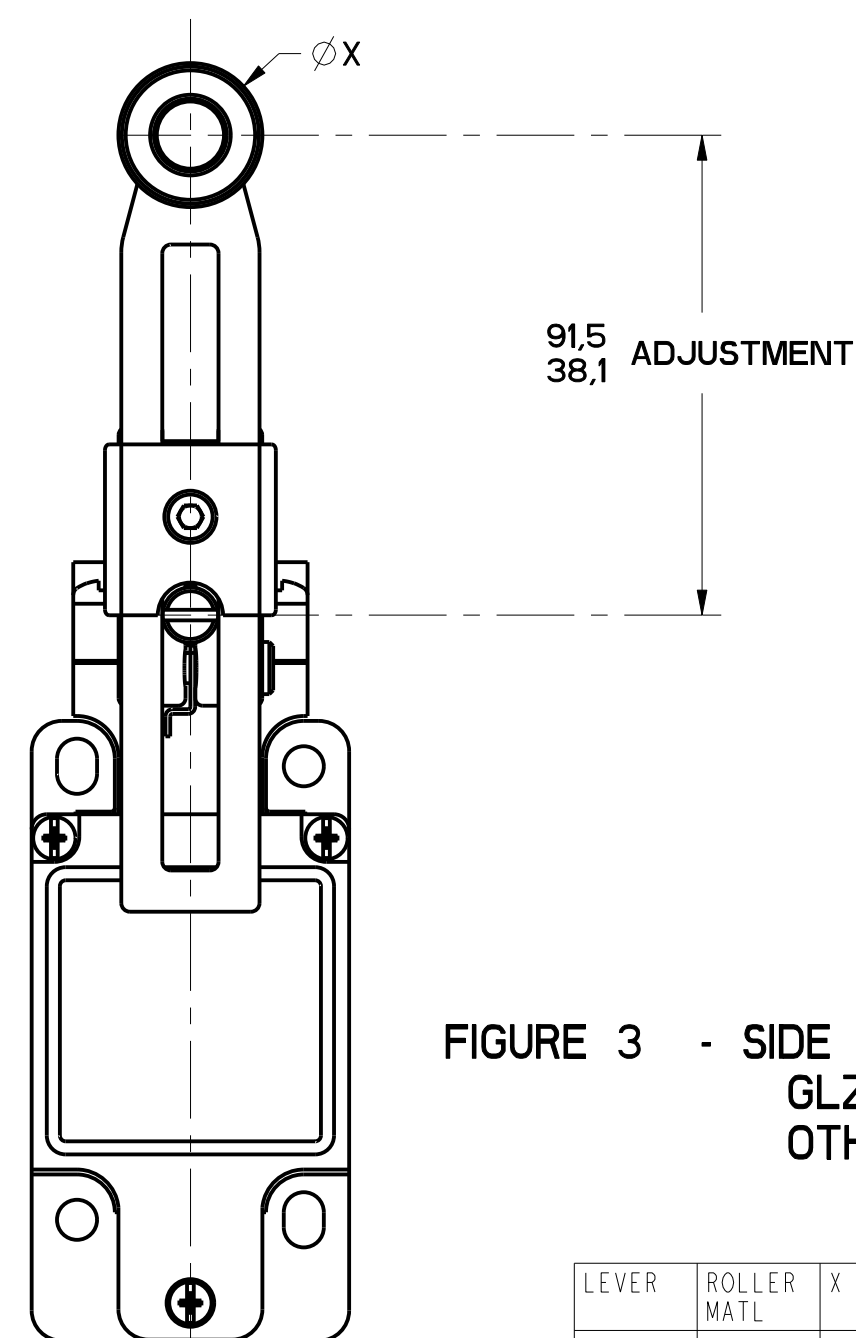


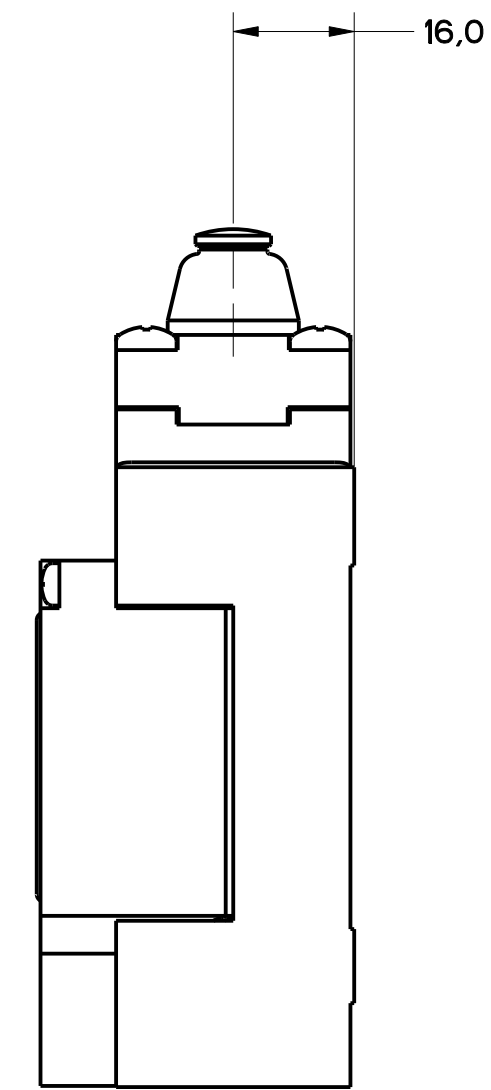
FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

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	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

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		SI METRIC ☒ US CUSTOMARY ☐	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	
		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	1/16	1/32	1/64
ONE PLACE	1/8	1/16	1/32
TWO PLACES	1/4	1/8	1/16
THREE PLACES	1/2	1/4	1/8
ANGLES	1/2	1/4	1/8

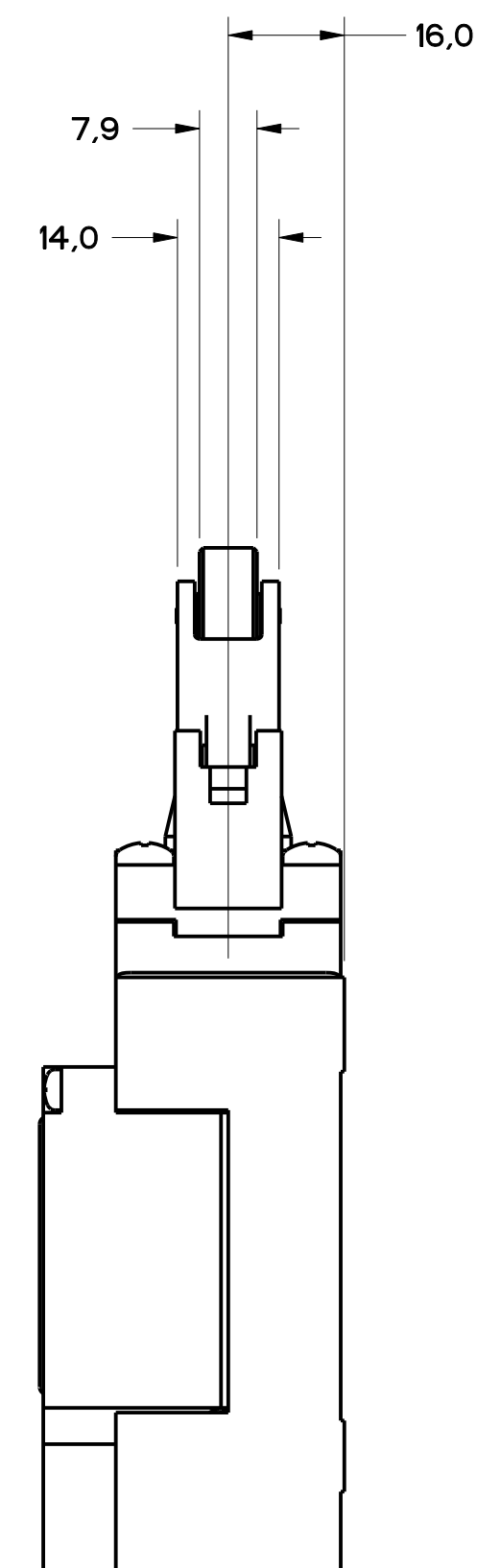


STEEL ROLLER

Ø 12,4

50,5

Technical drawing of a lamp head. The drawing shows a cross-section of the lamp head assembly. Two dimensions are indicated: a horizontal dimension of 4,7 (likely in cm) for the width of the lamp head, and a vertical dimension of 16,0 (likely in cm) for the height of the lamp head. The lamp head is shown with a base and a mounting bracket.



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>INCHES</td> <td>FRACTIONS</td> <td>INCHES</td> <td>FRACTIONS</td> </tr> <tr> <td>NO PLACES</td> <td>0</td> <td>1</td> <td>0.001/0.01</td> </tr> <tr> <td>ONE PLACE</td> <td>0.4/0.016</td> <td>2</td> <td>0.001/0.01</td> </tr> <tr> <td>TWO PLACES</td> <td>0.15/0.008</td> <td>3</td> <td>0.001/0.01</td> </tr> <tr> <td>THREE PLACES</td> <td></td> <td>4</td> <td>0.15/0.008</td> </tr> <tr> <td>ANGLES</td> <td>± 2</td> <td></td> <td></td> </tr> </table>		DIM	TOL	DIM	TOL	INCHES	FRACTIONS	INCHES	FRACTIONS	NO PLACES	0	1	0.001/0.01	ONE PLACE	0.4/0.016	2	0.001/0.01	TWO PLACES	0.15/0.008	3	0.001/0.01	THREE PLACES		4	0.15/0.008	ANGLES	± 2		
DIM	TOL	DIM	TOL																												
INCHES	FRACTIONS	INCHES	FRACTIONS																												
NO PLACES	0	1	0.001/0.01																												
ONE PLACE	0.4/0.016	2	0.001/0.01																												
TWO PLACES	0.15/0.008	3	0.001/0.01																												
THREE PLACES		4	0.15/0.008																												
ANGLES	± 2																														
FED. MFG. CODE 91929	CATALOG LISTING																														
MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 2																													
		DESIGN UNITS ☒ SI METRIC ☐ US CUSTOMARY																													
		WEIGHT																													

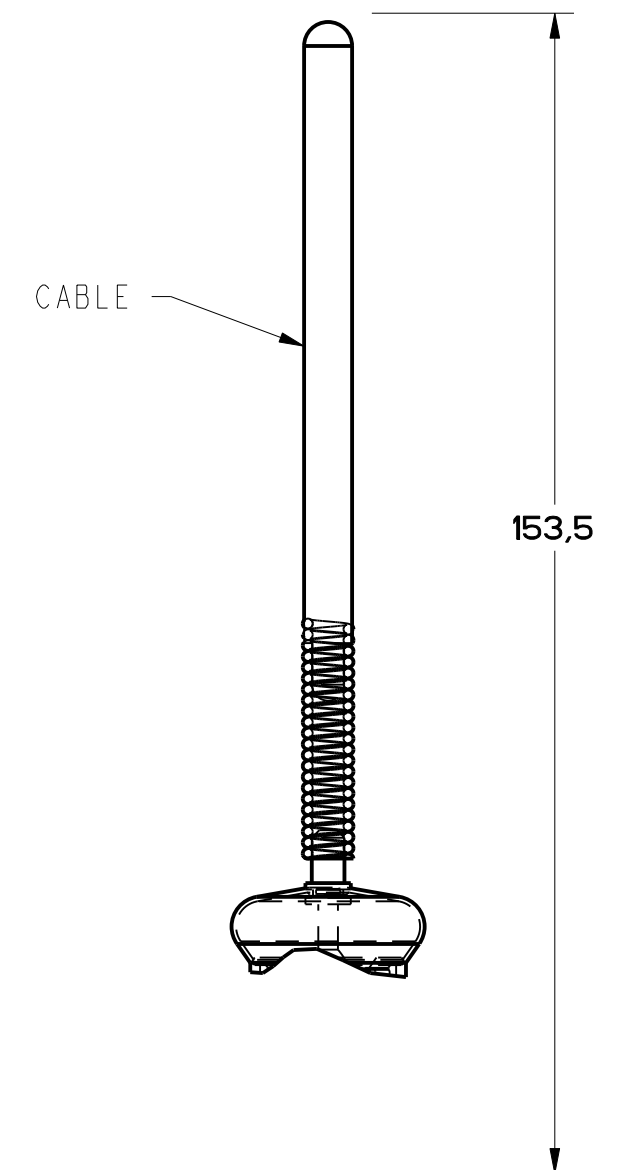
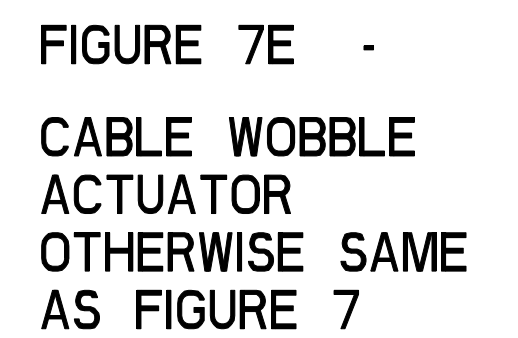
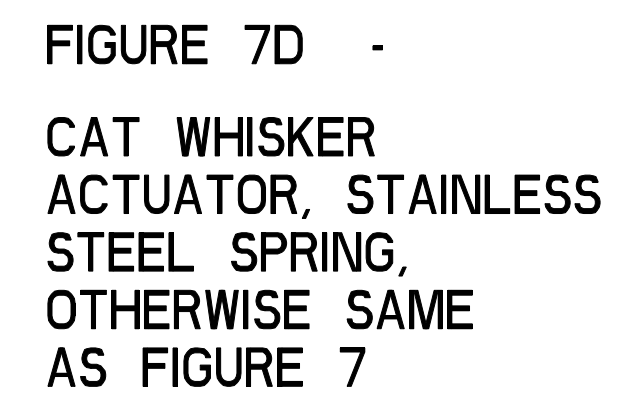
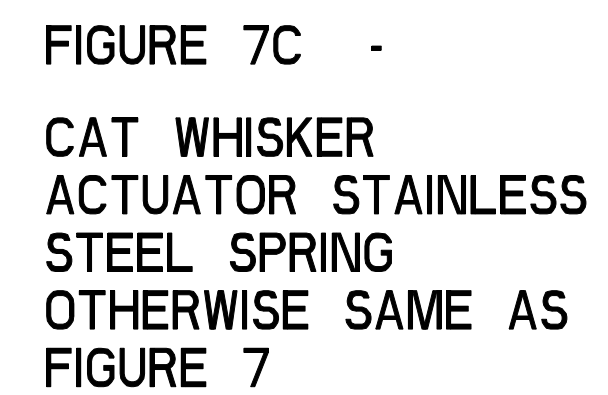
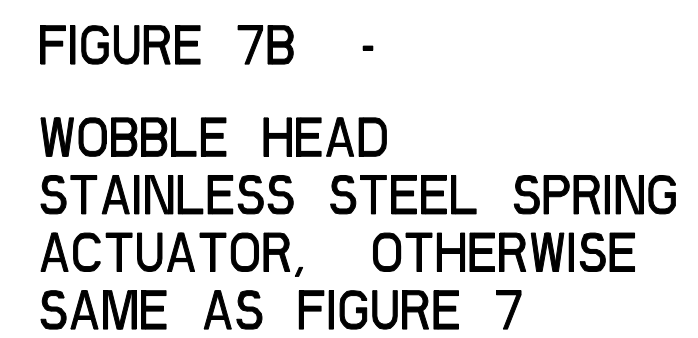
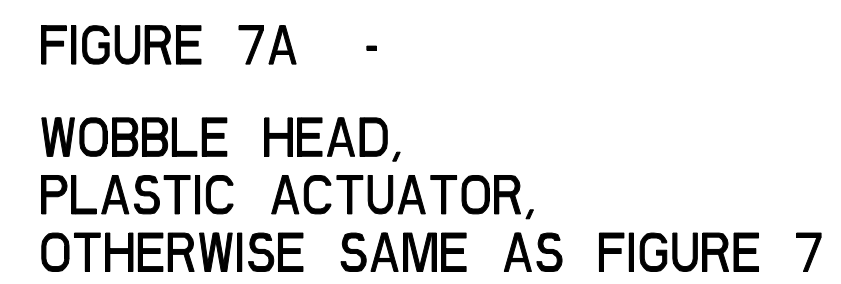


FIGURE 7 - WOBBLE HEAD, AND CAT WHISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

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
NO PLACES	X	1/16, 1/32, 1/64	1.1
ONE PLACE	X.1	0.4/0.016	0.8/0.03
TWO PLACES	X.01	0.005	0.38/0.015
THREE PLACES	X.001	0.15/0.006	1.1/0.005
FOUR PLACES	X.0001	0.0005	0.13/0.005
DESIGN UNITS mm US CUSTOMARY in			
WEIGHT lb		WEIGHT kg	



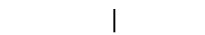
CAM ACTUATION PER EN50041, FIGURES 8 AND 9 							
CATALOG LISTING	CONTACT BLOCK DIAGRAM	 NOMINAL TRAVELS AND RELATED TERMINALS  CONTACT CLOSED,  CONTACT OPEN,  CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5 DIMENSIONS IN mm	MAXIMUM OPERATING FORCE  LB	MAXIMUM DISCONNECT FORCE  LB	MAX OPERATE VEL  in/s **	MIN OPERATE VEL  in/s **	MAX OPERATE FREQUENCY OPS/MIN
GL**02A*	Snap - Action Contacts Single Pole 	02056** 21-2213-14 >< 12 DIFFERENTIAL TRAVEL	9.72.2	11.42.6	.8533.5	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</td><td>TOL</td><td>DIM</td><td>TOL</td></tr><tr><td>W</td><td>0.001" (A)</td><td>W</td><td>0.001" (A)</td></tr><tr><td>Y</td><td>0.001" (A)</td><td>Y</td><td>0.001" (A)</td></tr><tr><td>Z</td><td>0.001" (A)</td><td>Z</td><td>0.001" (A)</td></tr></table>		DIM	TOL	DIM	TOL	W	0.001" (A)	W	0.001" (A)	Y	0.001" (A)	Y	0.001" (A)	Z	0.001" (A)	Z	0.001" (A)				
DIM	TOL	DIM	TOL																						
W	0.001" (A)	W	0.001" (A)																						
Y	0.001" (A)	Y	0.001" (A)																						
Z	0.001" (A)	Z	0.001" (A)																						
FED. MFG. CODE 91929	CATALOG LISTING		<table><tr><td>NO PLACES</td><td>Y</td><td>0.001" (A)</td><td>0.001" (A)</td></tr><tr><td>ONE PLACE</td><td>Y</td><td>0.001" (A)</td><td>0.001" (A)</td></tr><tr><td>TWO PLACES</td><td>Y</td><td>0.001" (A)</td><td>0.001" (A)</td></tr><tr><td>THREE PLACES</td><td>Y</td><td>0.001" (A)</td><td>0.001" (A)</td></tr><tr><td>ANGLES</td><td>Y</td><td>0.001" (A)</td><td>0.001" (A)</td></tr></table>			NO PLACES	Y	0.001" (A)	0.001" (A)	ONE PLACE	Y	0.001" (A)	0.001" (A)	TWO PLACES	Y	0.001" (A)	0.001" (A)	THREE PLACES	Y	0.001" (A)	0.001" (A)	ANGLES	Y	0.001" (A)	0.001" (A)
NO PLACES	Y	0.001" (A)	0.001" (A)																						
ONE PLACE	Y	0.001" (A)	0.001" (A)																						
TWO PLACES	Y	0.001" (A)	0.001" (A)																						
THREE PLACES	Y	0.001" (A)	0.001" (A)																						
ANGLES	Y	0.001" (A)	0.001" (A)																						
MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 2	<table><tr><td>SI METRIC</td><td>☒</td><td>US CUSTOMARY</td><td>☐</td></tr><tr><td>DESIGN UNITS</td><td>☒</td><td></td><td></td></tr><tr><td>WEIGHT</td><td></td><td></td><td></td></tr></table>			SI METRIC	☒	US CUSTOMARY	☐	DESIGN UNITS	☒			WEIGHT											
		SI METRIC	☒	US CUSTOMARY	☐																				
		DESIGN UNITS	☒																						
WEIGHT																									



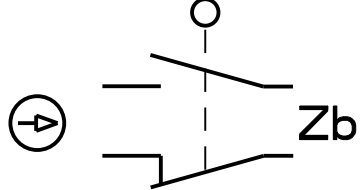
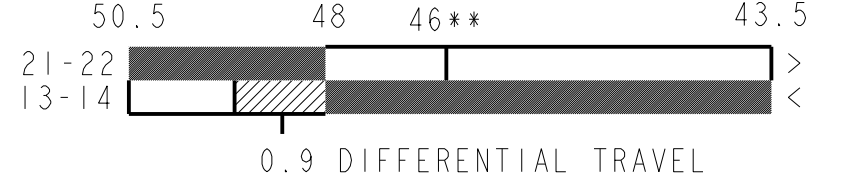
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE LB	MAXIMUM DISCONNECT FORCE LB	MAX OPERATE VEL in/S	MIN OPERATE VEL in/S	MAX OPERATE FREQUENCY OPS/MIN
GL**02B	SNAP - ACTION CONTACTS SINGLE POLE		16 3.6	27 6.0	0.1 3.9	1.0 0.4	250

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 N·m LB/in	MAXIMUM DISCONNECT TORQUE N·m LB/in	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MI
GL**02E	SNAP - ACTION CONTACTS SINGLE POLE 		0.2 1.8	N/A	360	8	100

CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS ■ : CONTACT CLOSED, □ : CONTACT OPEN, ▨ : CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M/S}{IN/S}$	MIN OPERATE VEL $\frac{mm/S}{IN/S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**02E	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{2.5}{0.6}$	N/A	$\frac{.5}{19.7}$	$\frac{.11}{.43}$	100

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 		16 3.6	27 6.0	0.1 3.9	1.0 .04	250

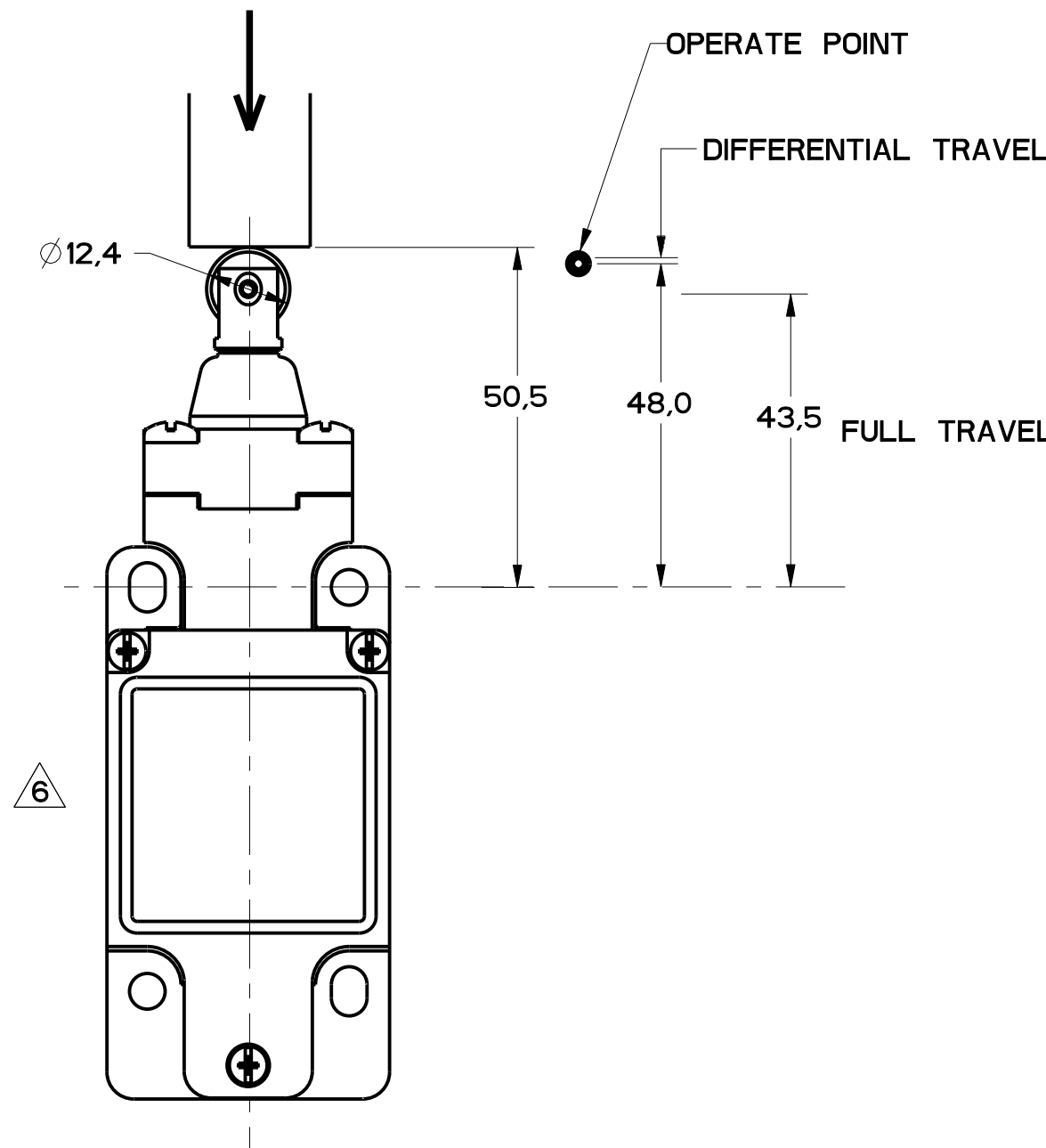


FIGURE 13A

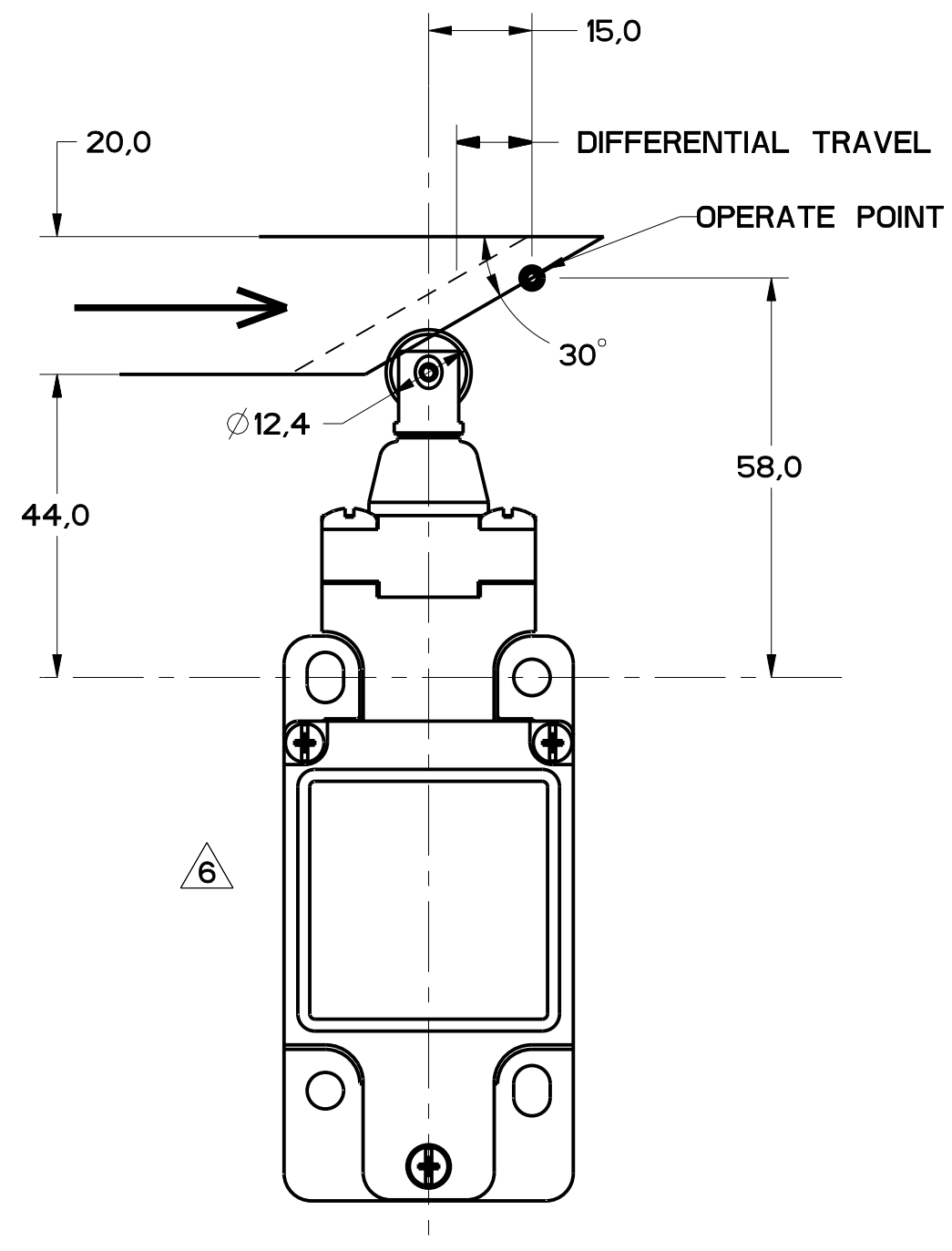
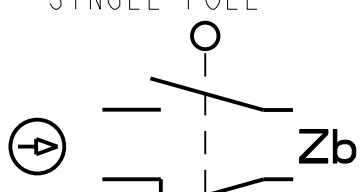
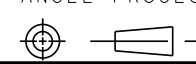


FIGURE 13B

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 mm/S in/S	MAX OPERATE FREQUENCY OPS/MIN
GL**02C	SNAP - ACTION CONTACTS SINGLE POLE 		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
DESIGN UNITS	SI METRIC	US CUSTOMARY	
WEIGHT			

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

REVISIONS			
A	1	180992	
B	1	01 SEP 94	
C	1	CO 93789	
D	1	0002986	
E	1	0017532	
F	1	0002986	

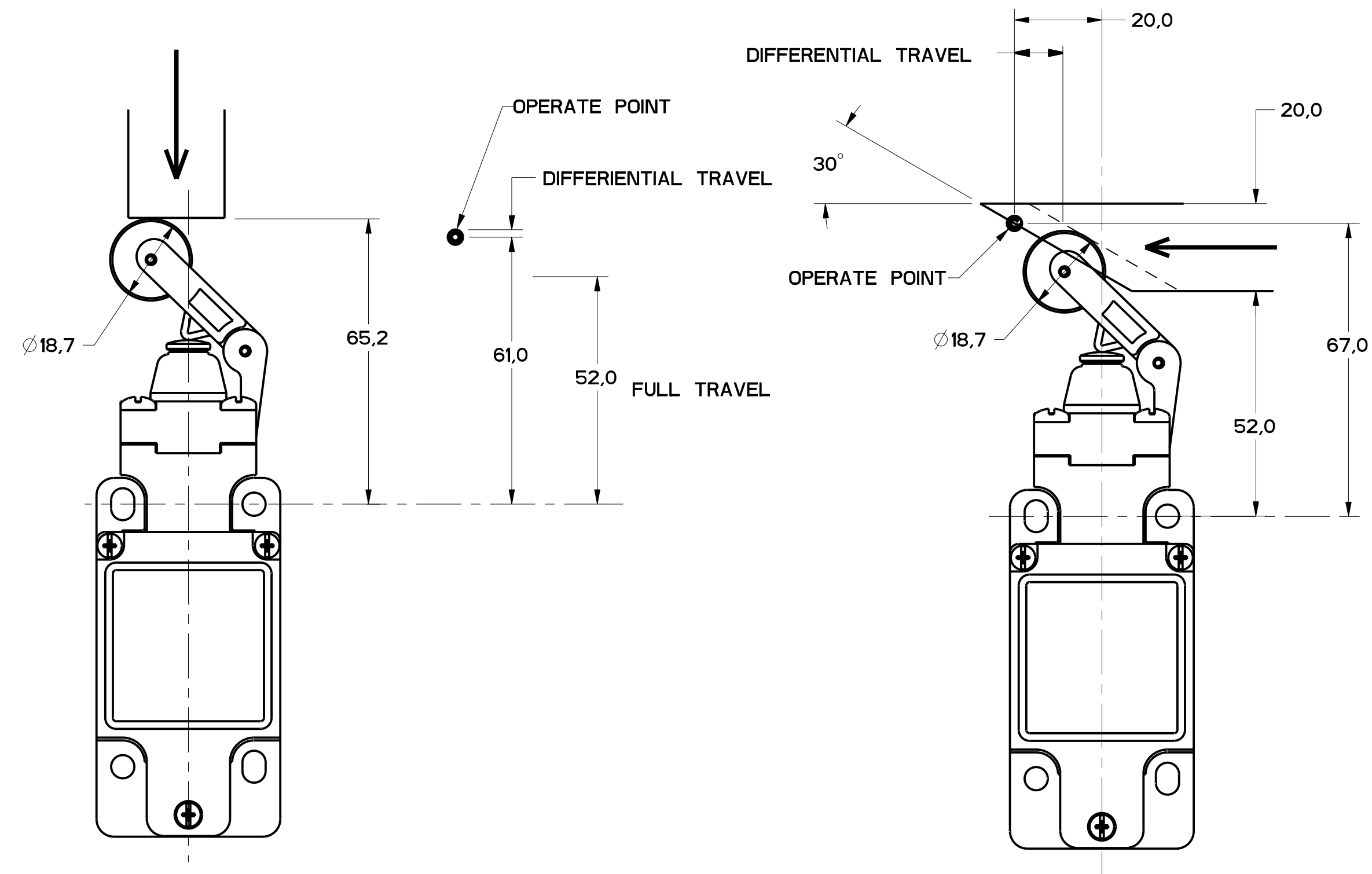


FIGURE 14A

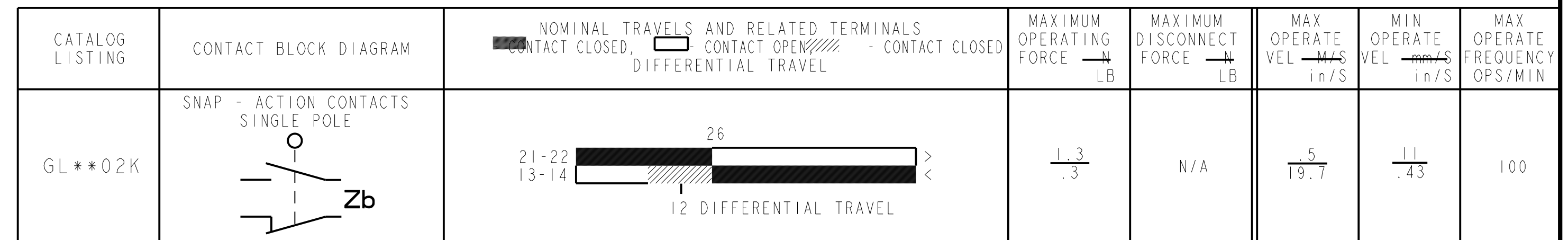
FIGURE 14B

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



CATALOG LISTING	CONTACT BLOCK DIAGRAM		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 		$\frac{0.1}{.9}$	N/A	360	8	100





**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331