

SIDE ROTARY

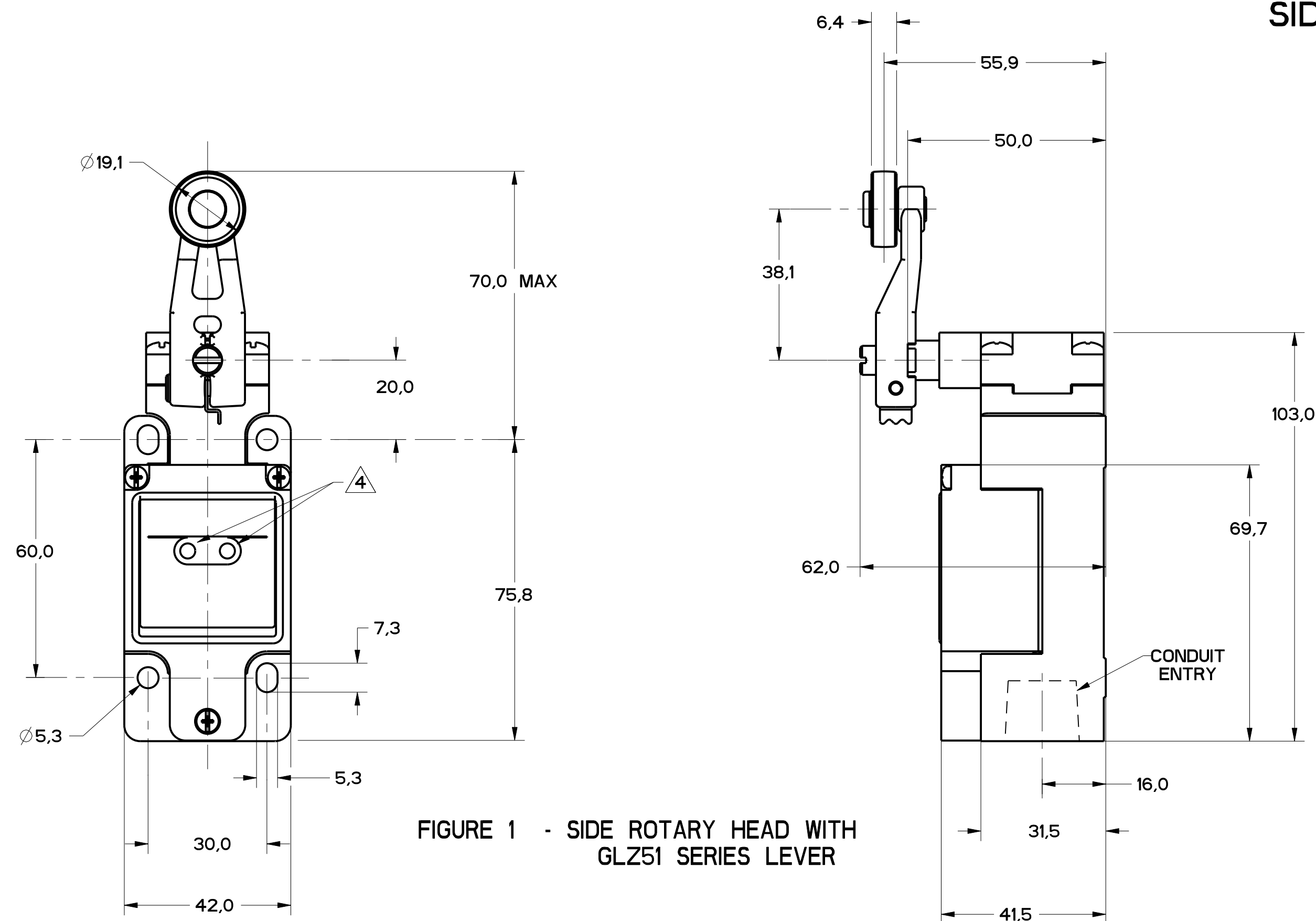


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

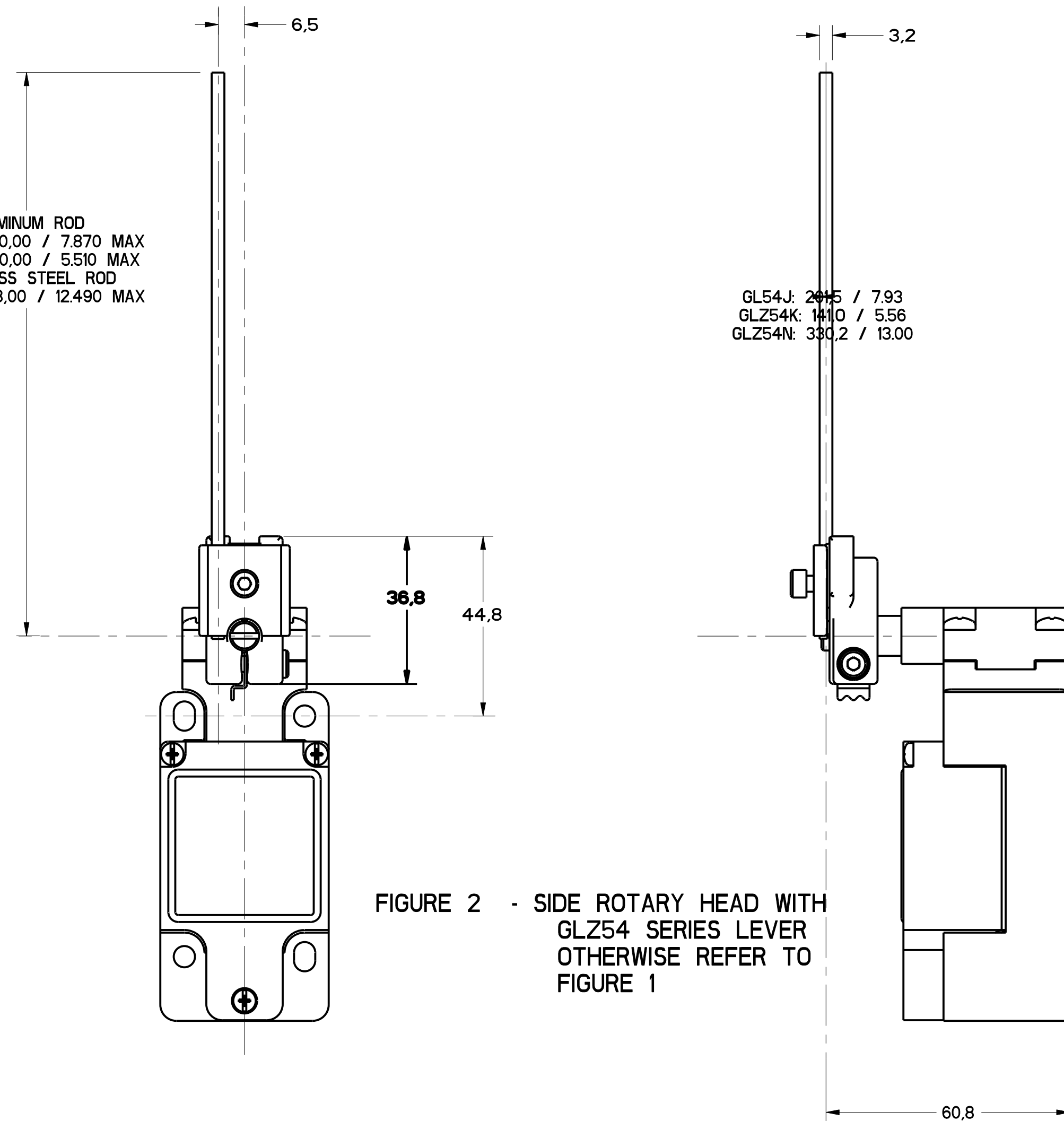


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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

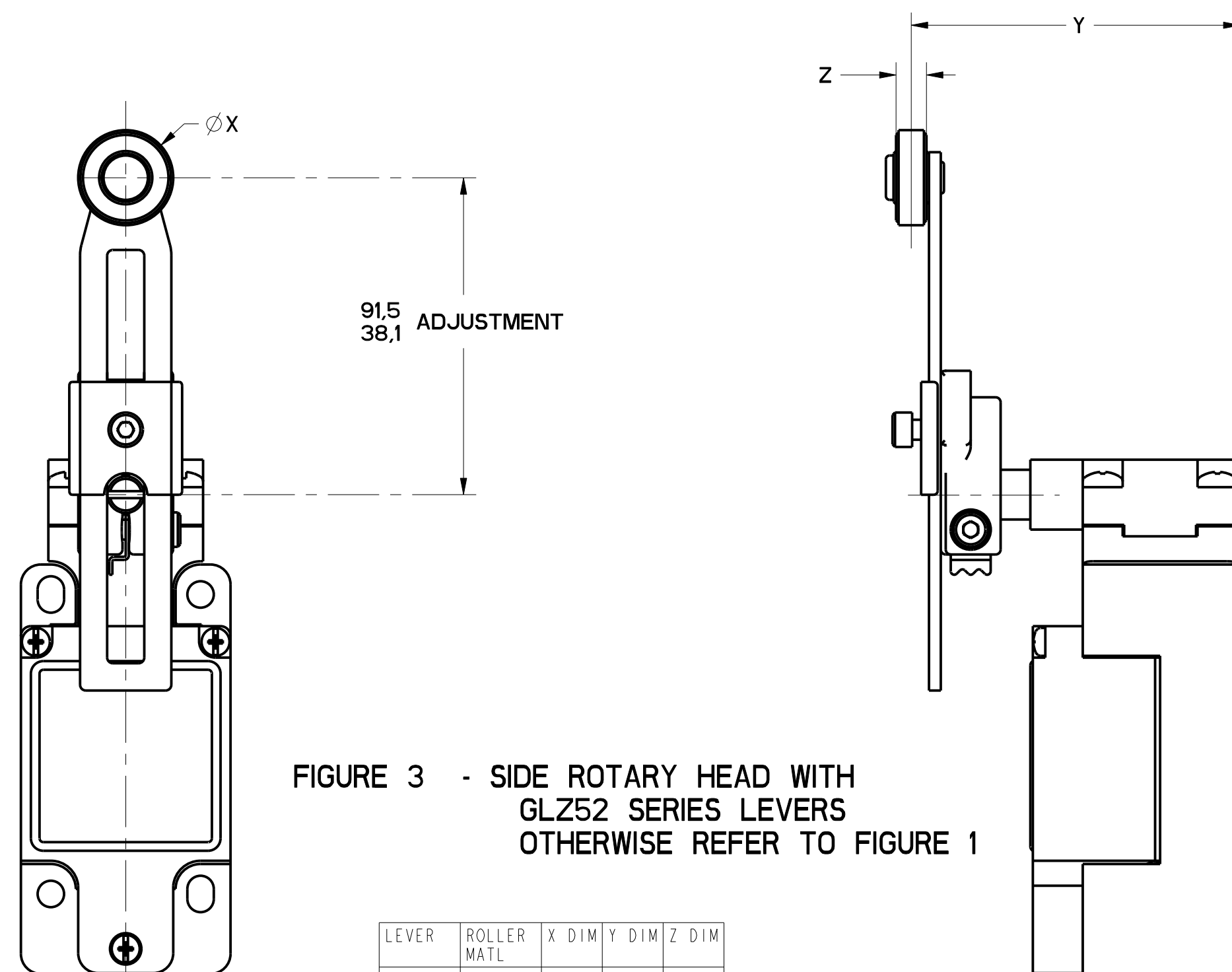


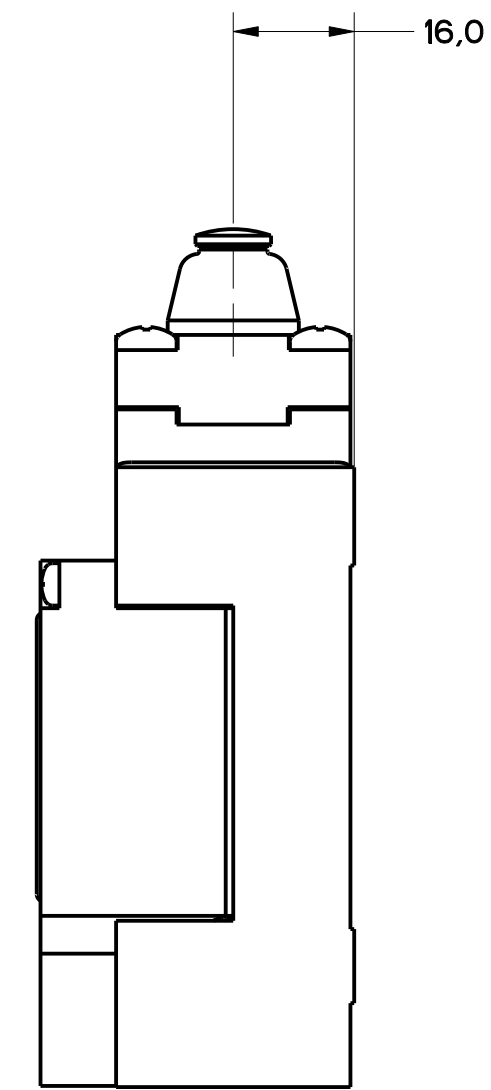
FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

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	INCH	TOL.	INCH
ONE PLACE	X.X	0.01/0.05	0.001/0.005
TWO PLACES	X.XX	0.001/0.005	0.0001/0.0005
THREE PLACES	X.XXX	0.0001/0.0005	0.00001/0.00005
ANGLES		±0.01°	
SI METRIC		US CUSTOMARY	
DESIGN UNITS		WEIGHT	

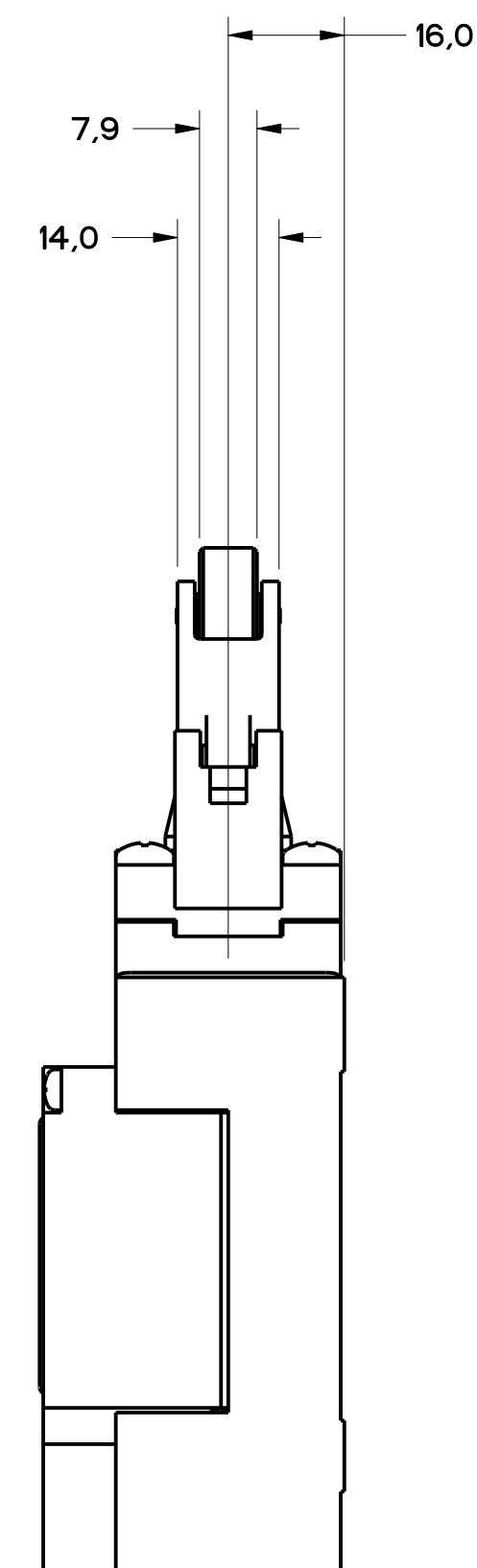


STEEL ROLLER

Ø 12,4

50,5

Technical drawing of a lamp head. The drawing shows a side profile of the lamp head assembly. Two dimensions are indicated: a horizontal distance of 4,7 from the left edge to the center of the lamp head, and a horizontal distance of 16,0 from the center of the lamp head to the right edge of the lamp body.



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>0.01</td> <td>0.01</td> </tr> <tr> <td>ONE PLACE</td> <td>0.4</td> <td>0.01</td> <td>0.01</td> </tr> <tr> <td>TWO PLACES</td> <td>0.004</td> <td>0.01</td> <td>0.01</td> </tr> <tr> <td>THREE PLACES</td> <td>0.0004</td> <td>0.01</td> <td>0.01</td> </tr> <tr> <td>ANGLES</td> <td>± 1</td> <td></td> <td></td> </tr> </table>		DIM	TOL	DIM	TOL	INCHES	FRACTIONS	INCHES	FRACTIONS	NO PLACES	0	0.01	0.01	ONE PLACE	0.4	0.01	0.01	TWO PLACES	0.004	0.01	0.01	THREE PLACES	0.0004	0.01	0.01	ANGLES	± 1		
DIM	TOL	DIM	TOL																												
INCHES	FRACTIONS	INCHES	FRACTIONS																												
NO PLACES	0	0.01	0.01																												
ONE PLACE	0.4	0.01	0.01																												
TWO PLACES	0.004	0.01	0.01																												
THREE PLACES	0.0004	0.01	0.01																												
ANGLES	± 1																														
FED. MFG. CODE 91929		CATALOG LISTING																													
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED																													
		GL SERIES CHART 2																													
		<table border="1"> <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																													

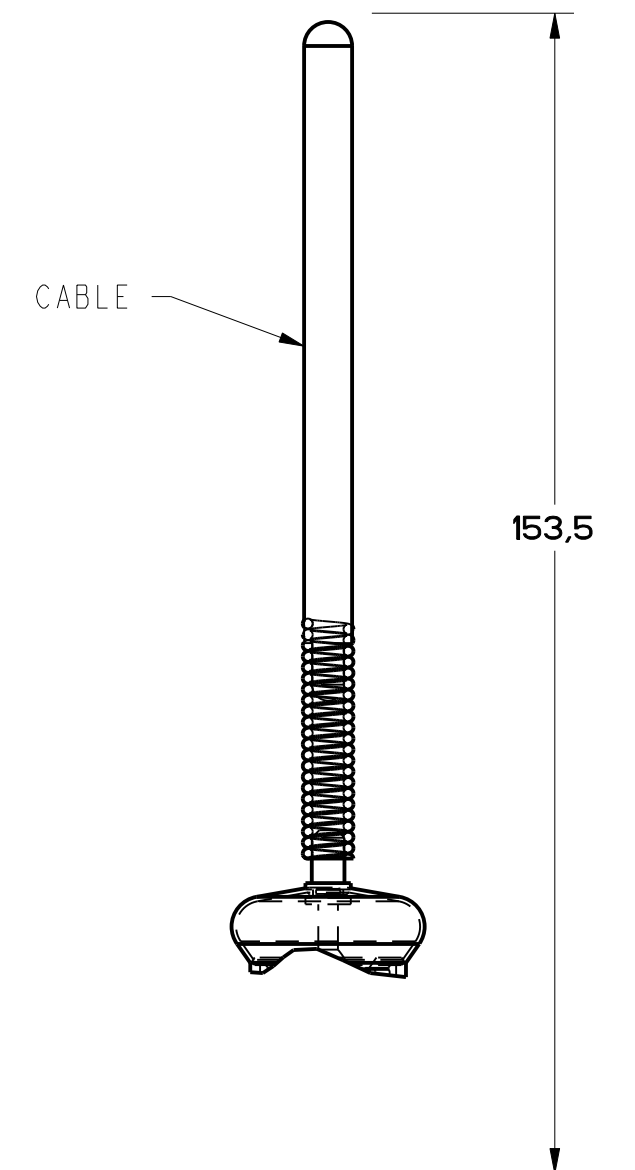
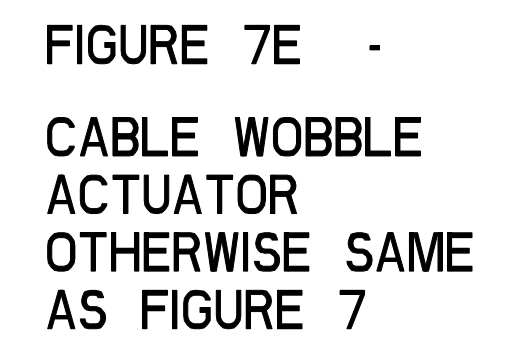
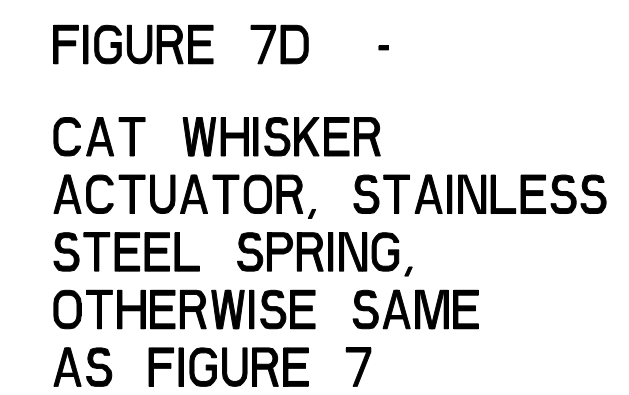
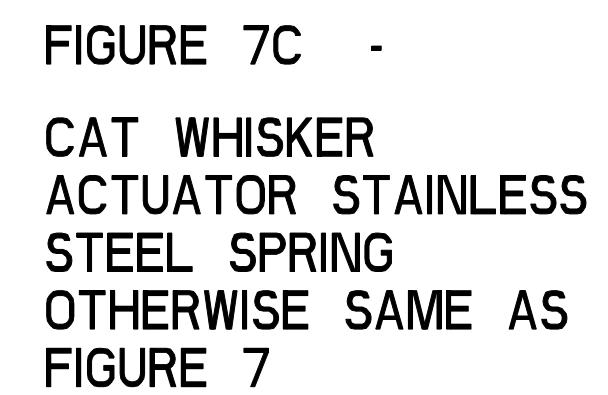
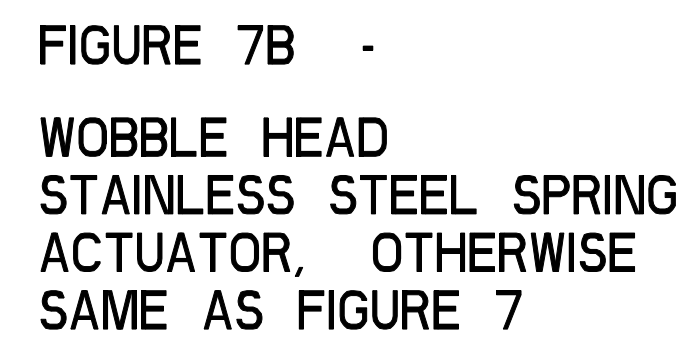
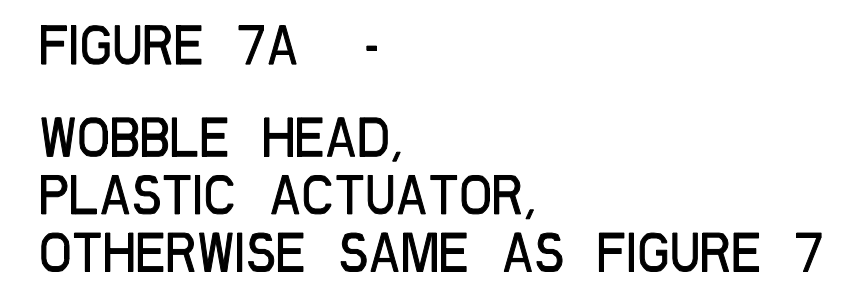


FIGURE 7 - WOBBLE HEAD, AND CAT WHISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

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 FRACTION	TOL DECIMAL	DIM INCHES	TOL DECIMAL
NO PLACES ONE PLACE TWO PLACES THREE PLACES FOUR PLACES	$\pm$ $\pm .1$ $\pm .01$ $\pm .001$ $\pm .0001$	$\pm .1$ $\pm .01$ $\pm .001$ $\pm .0001$	$\pm .8$ $\pm .001$ $\pm .0001$ $\pm .00001$
DESIGN UNITS WEIGHT		SI METRIC X US CUSTOMARY □	



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.			
FED. MFG. CODE 91929		CATALOG LISTING	
MICRO SWITCH a Honeywell Division	SWITCH, ENCLOSED	GL SERIES CHART 2	
		DESIGN UNITS ☒ SI METRIC ☐	
		WEIGHT	
		US CUSTOMARY ☐	



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 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	CO 93181
C	CO 93181
D	CO 93181
E	CO 93181
F	CO 93181
G	CO 93181
H	CO 93181
I	CO 93181
J	CO 93181
K	CO 93181
L	CO 93181
M	CO 93181
N	CO 93181
O	CO 93181
P	CO 93181
Q	CO 93181
R	CO 93181
S	CO 93181
T	CO 93181
U	CO 93181
V	CO 93181
W	CO 93181
X	CO 93181
Y	CO 93181
Z	CO 93181

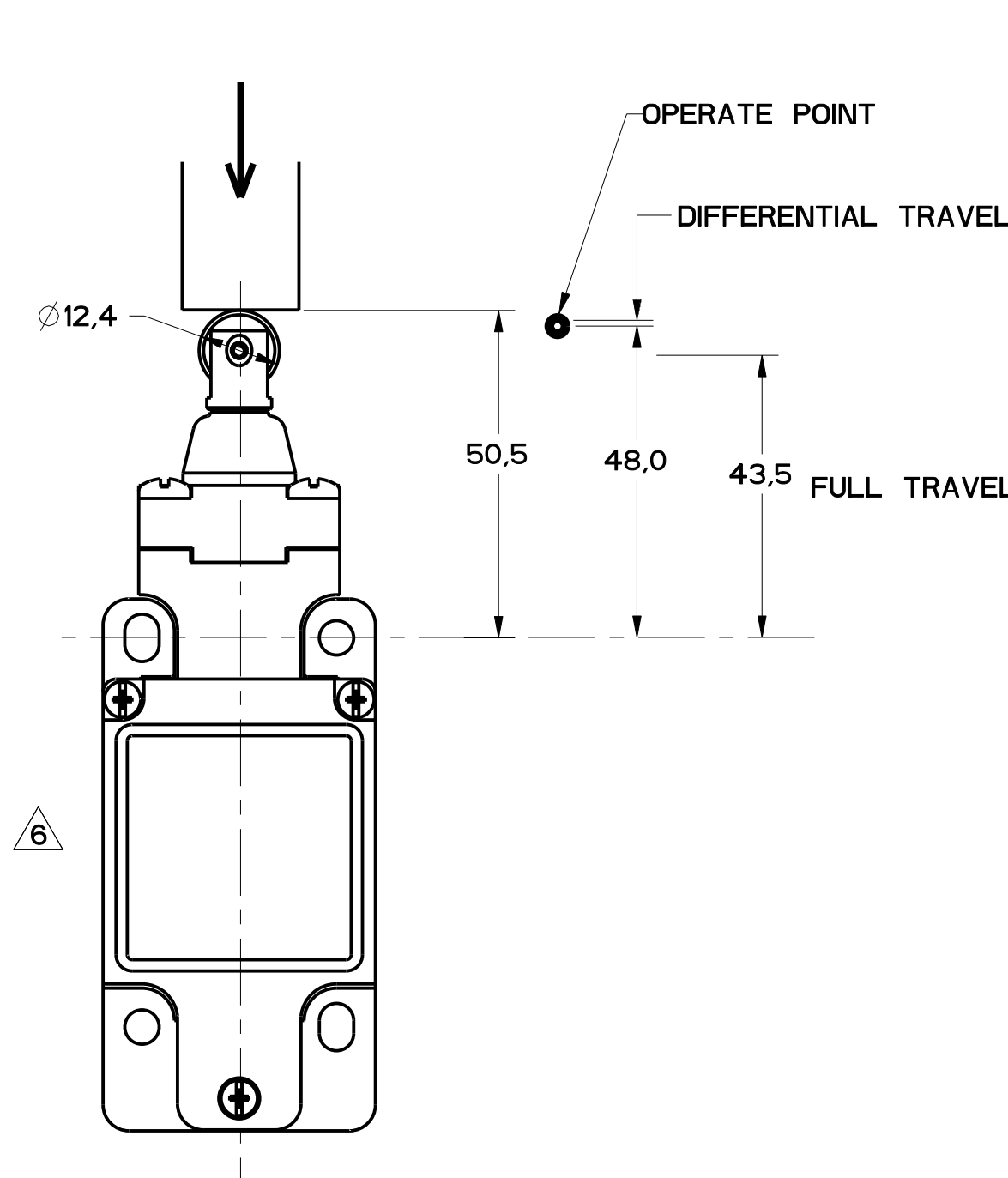


FIGURE 13A

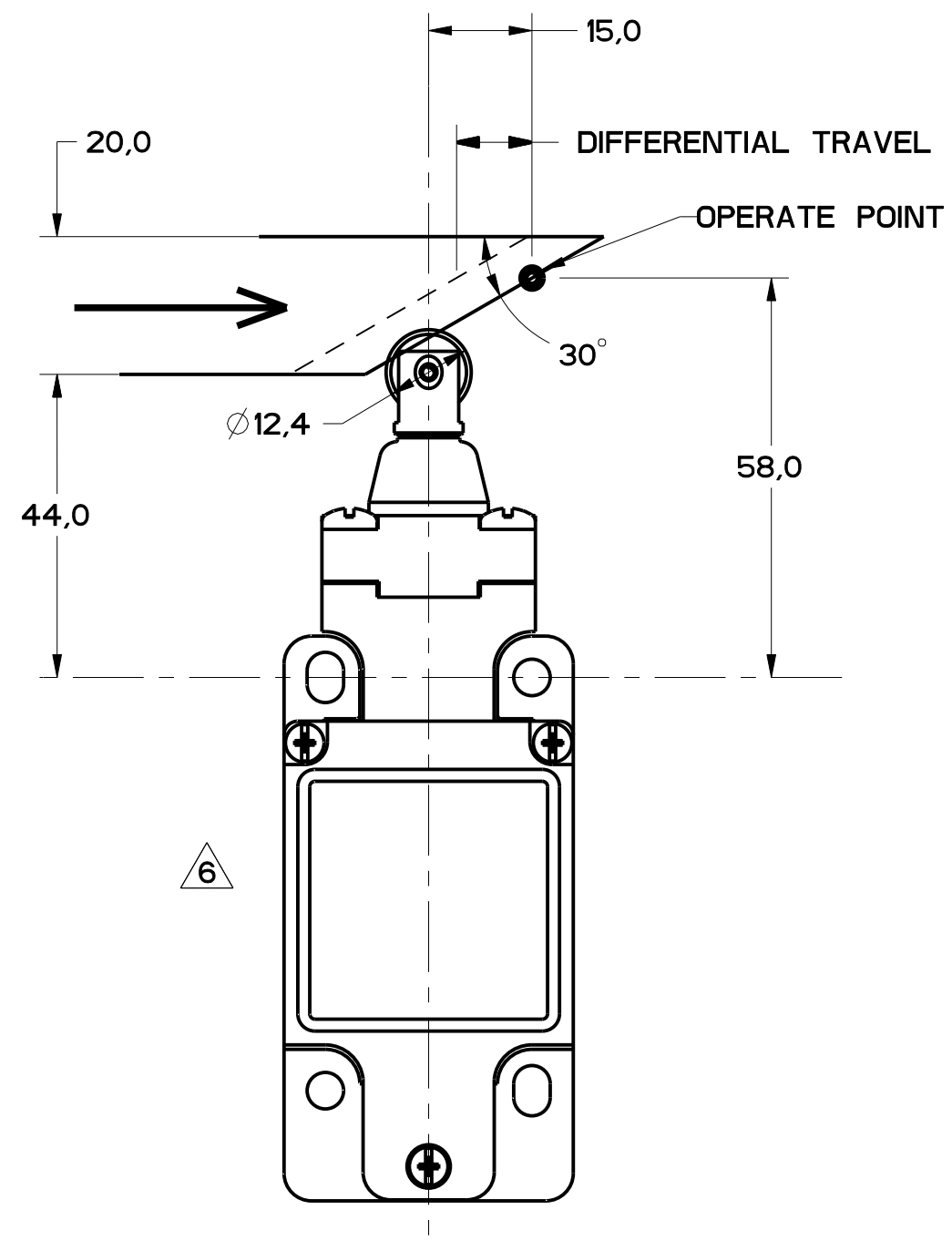


FIGURE 13B

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 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:

	IN	TOL	MM	TOL
NO PLACES	X	1/16	2.5	0.13
ONE PLACE	X.X	0.0156	0.39	0.05
TWO PLACES	X.XX	0.0031	0.08	0.01
THREE PLACES	X.XXX	0.0008	0.02	0.005

DESIGN UNITS: SI METRIC [X] US CUSTOMARY []

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

SWITCH, ENCLOSED

GL SERIES CHART 2

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	$\frac{9.5}{2.1}$	$\frac{12}{2.7}$	$\frac{0.17}{6.7}$	$\frac{1.7}{.067}$	250

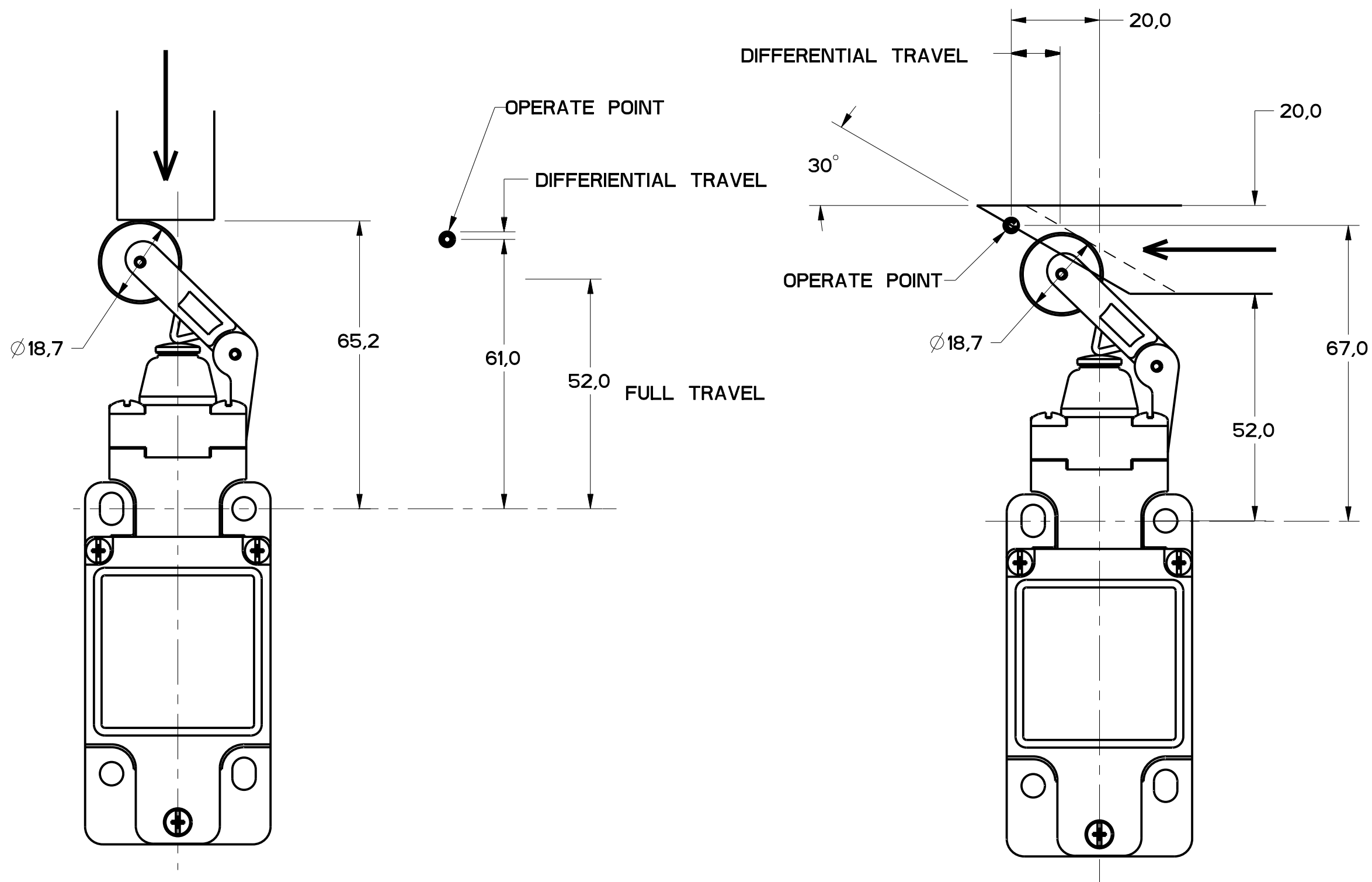


FIGURE 14A

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	$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	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	0.01/0.16	1/32
TWO PLACES	X.XX	0.001/0.006	1/64
THREE PLACES	X.XXX	0.0001/0.0006	1/1600
ANGLES	± 2		
DESIGN UNITS	SI METRIC		
WEIGHT	US CUSTOMARY		

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

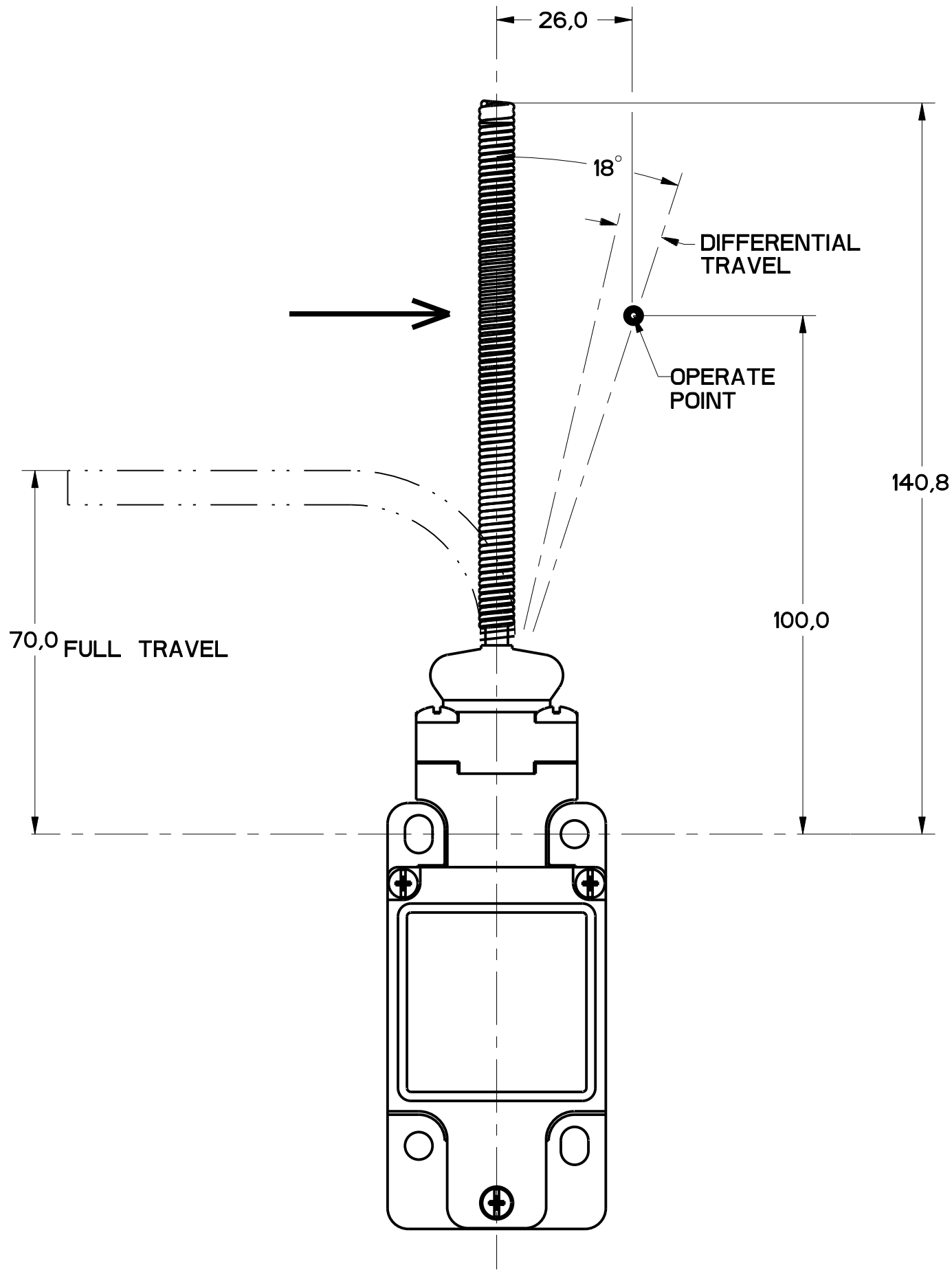


FIGURE 15

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 LB-IN	MAXIMUM DISCONNECT TORQUE 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 LB	MAXIMUM DISCONNECT FORCE LB	MAX OPERATE VEL IN/S	MIN OPERATE VEL 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

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
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	



**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