

SIDE ROTARY

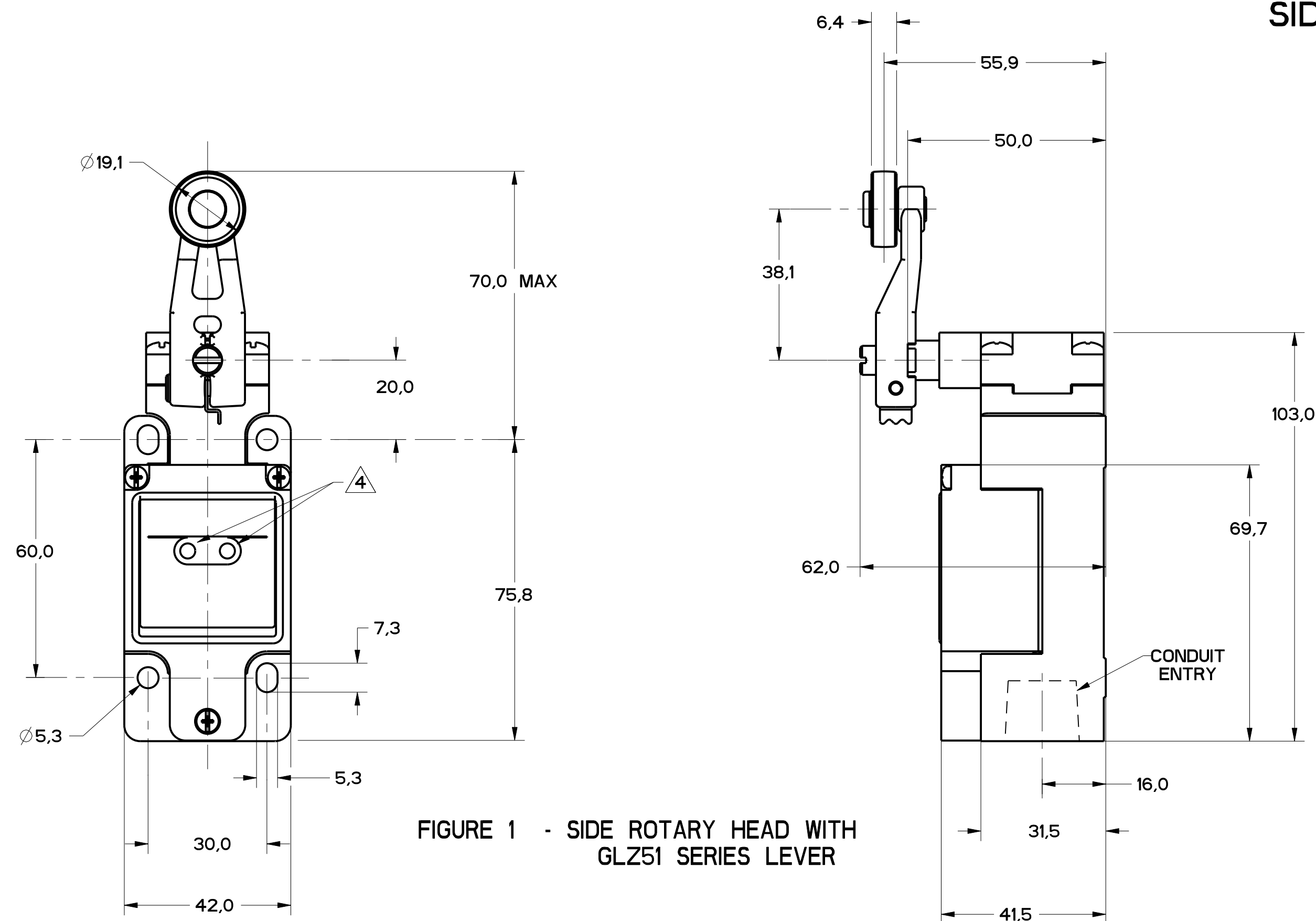


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

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

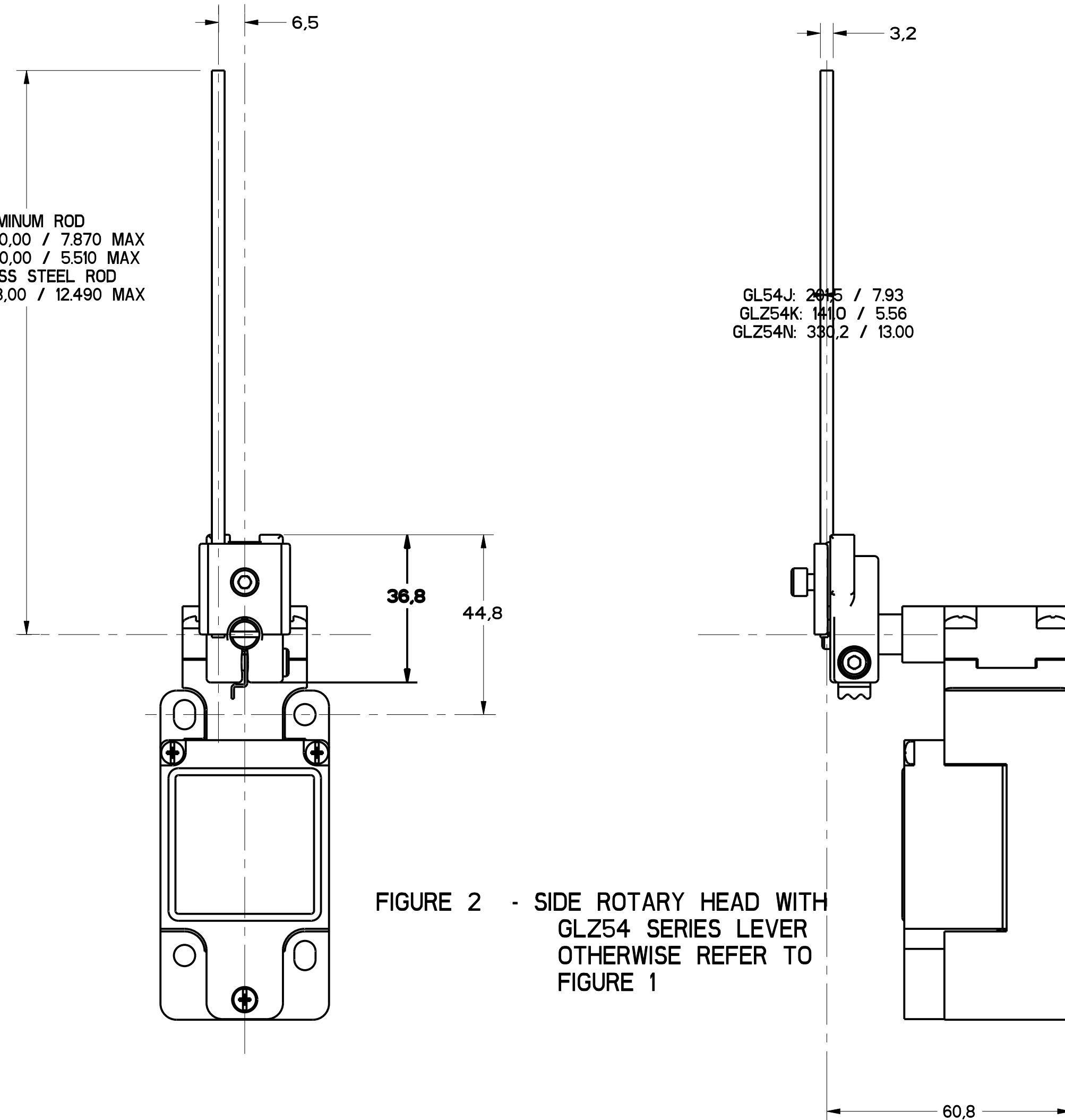


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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

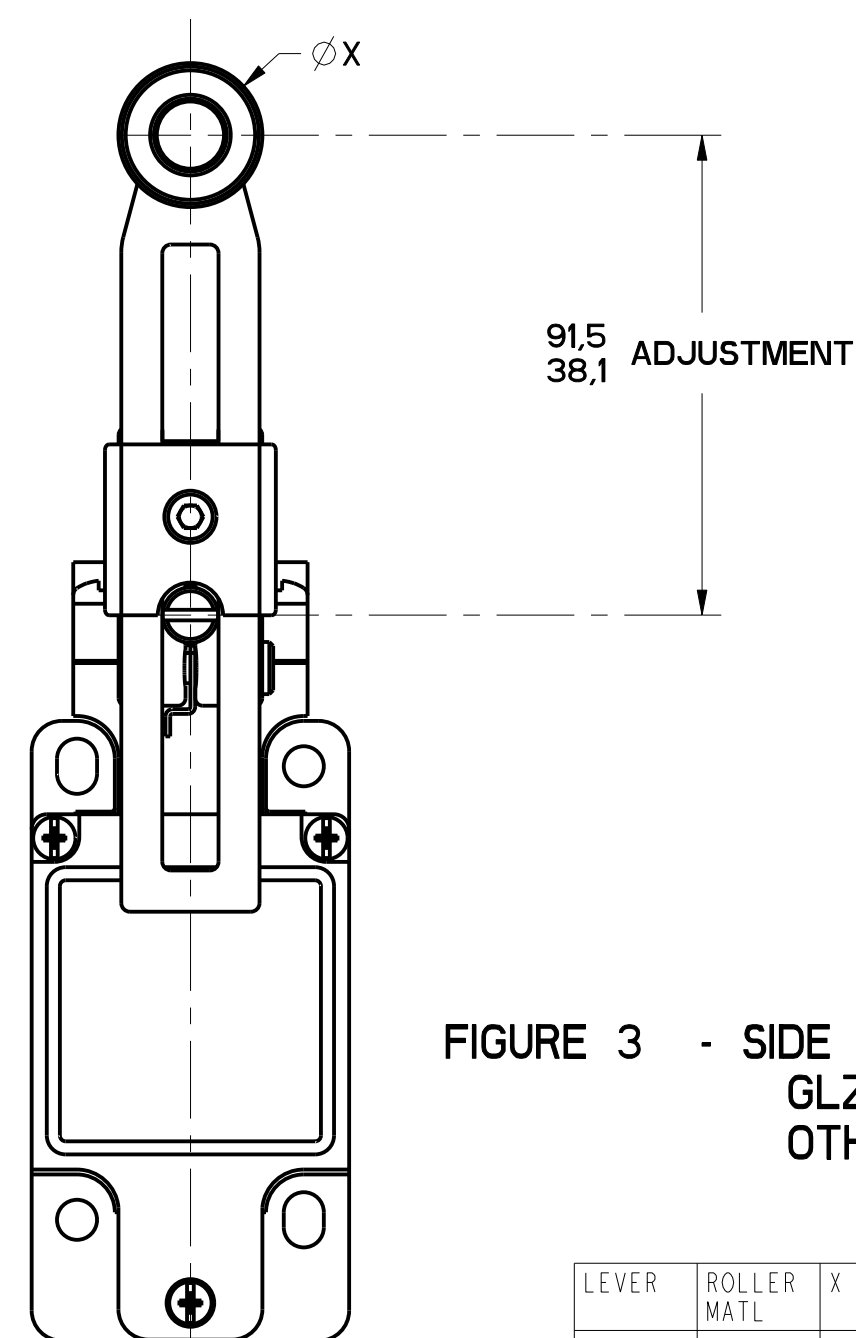


FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

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
GLA***	1A	N/A	N/A
GLB***	1B	N/A	N/A
GLC***	1C	N/A	N/A
GLD***	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		GL SERIES CHART 2	
MICRO SWITCH a Honeywell Division		SWITCH, ENCLOSED	
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, 0.04	0.001, 0.005
TWO PLACES	X.XX	0.01, 0.06	0.001, 0.005
THREE PLACES	X.XXX	0.001, 0.006	0.001, 0.005
ANGLES		±0.1°	
SI METRIC		US CUSTOMARY	
DESIGN UNITS		WEIGHT	

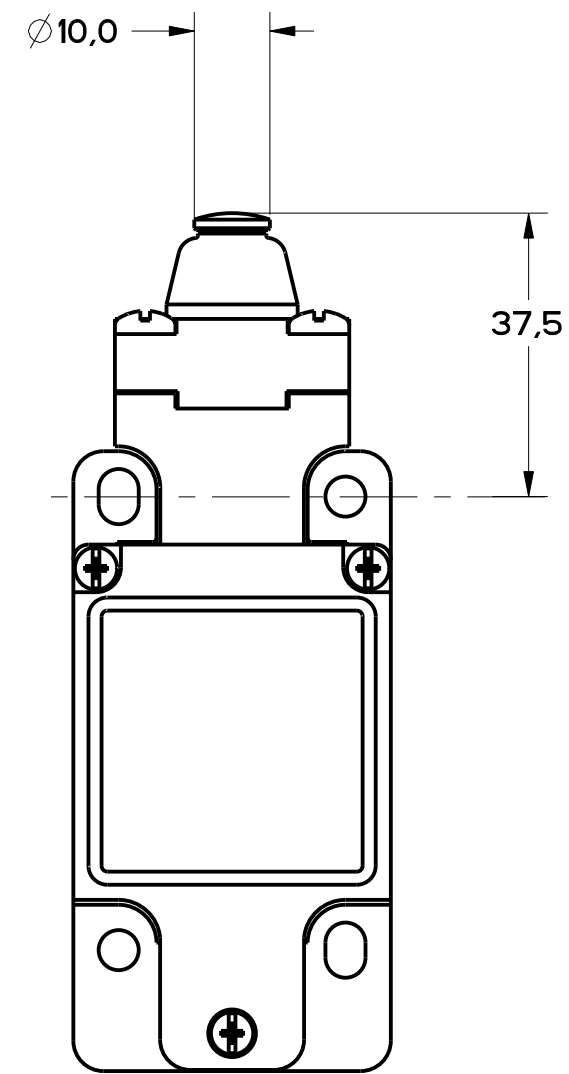


FIGURE 4 - TOP PIN PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

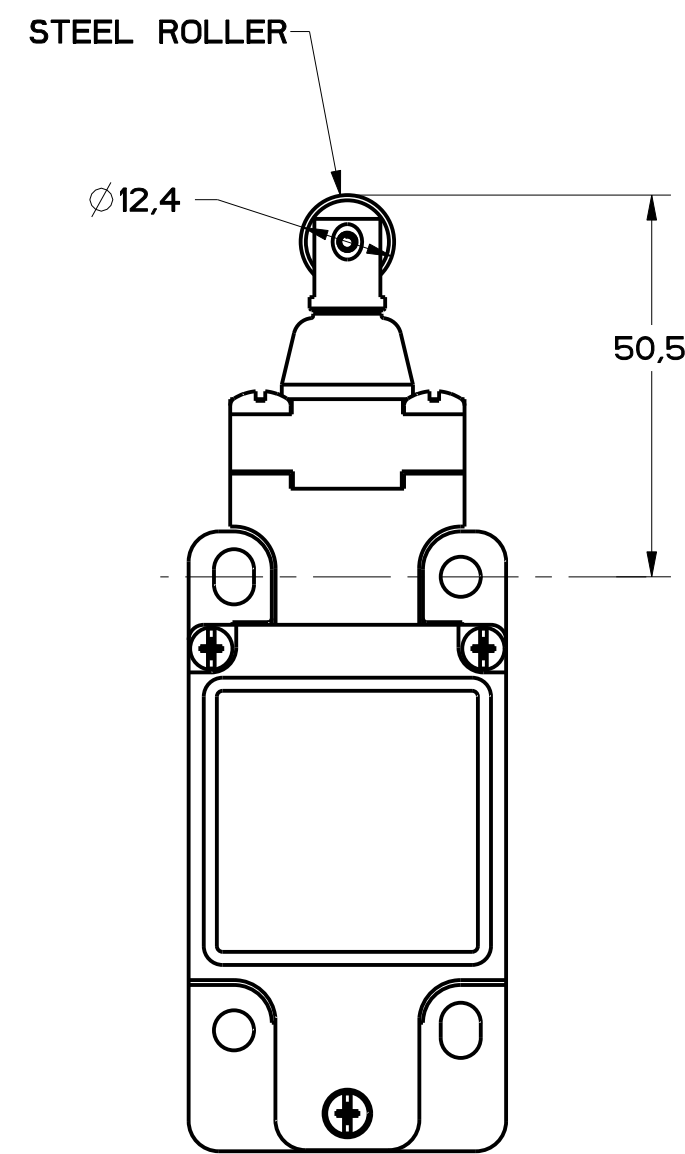
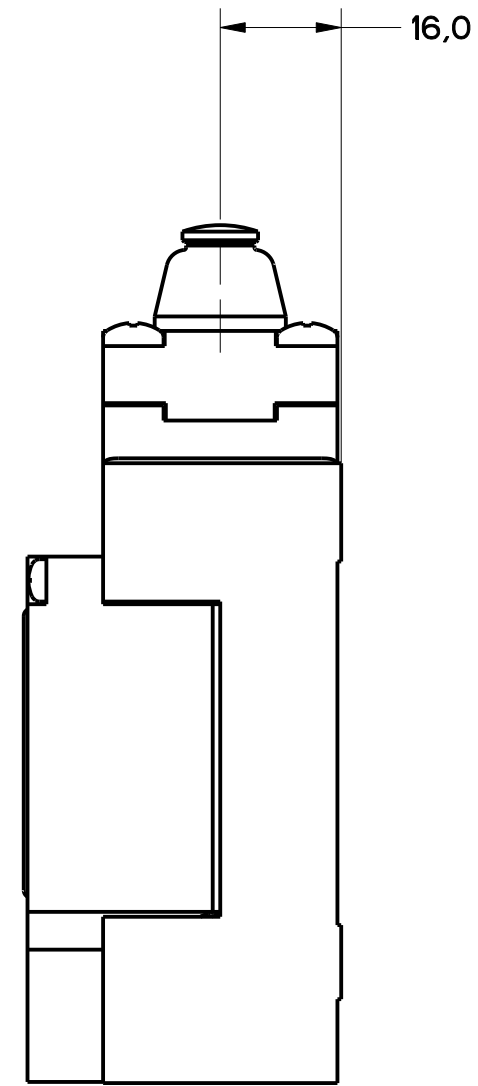


FIGURE 5 - TOP ROLLER PLUNGER HEAD
OTHERWISE REFER TO
FIGURE 1

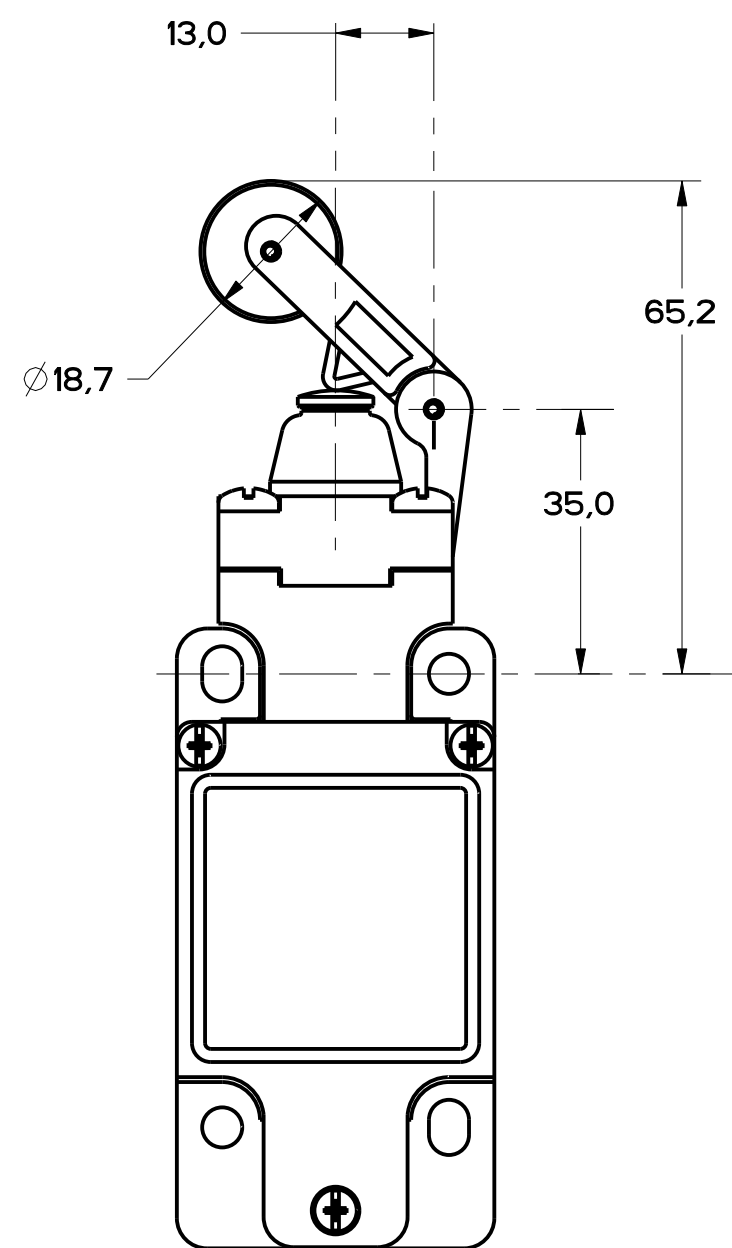
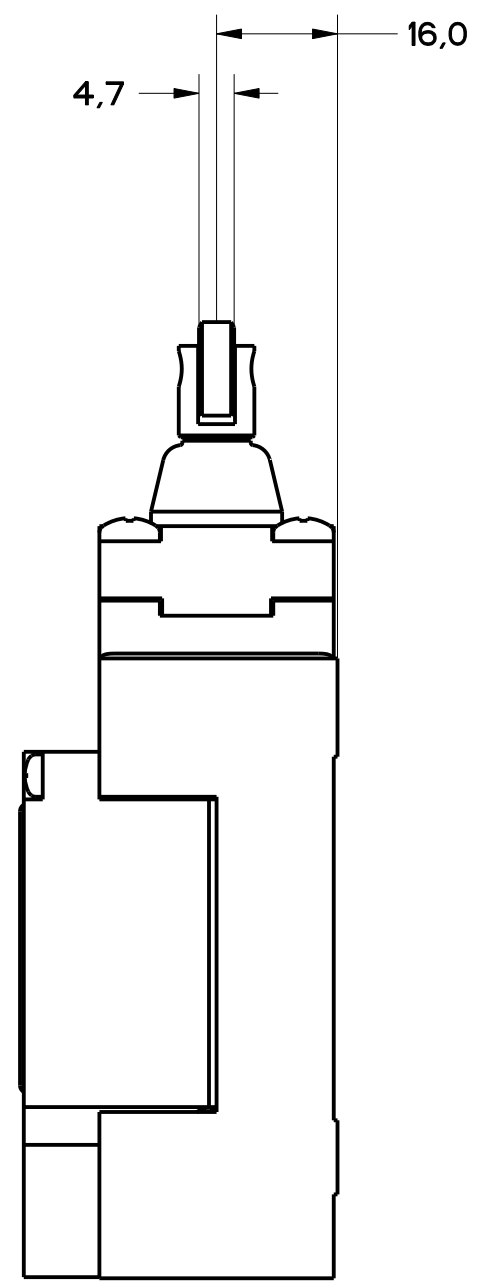
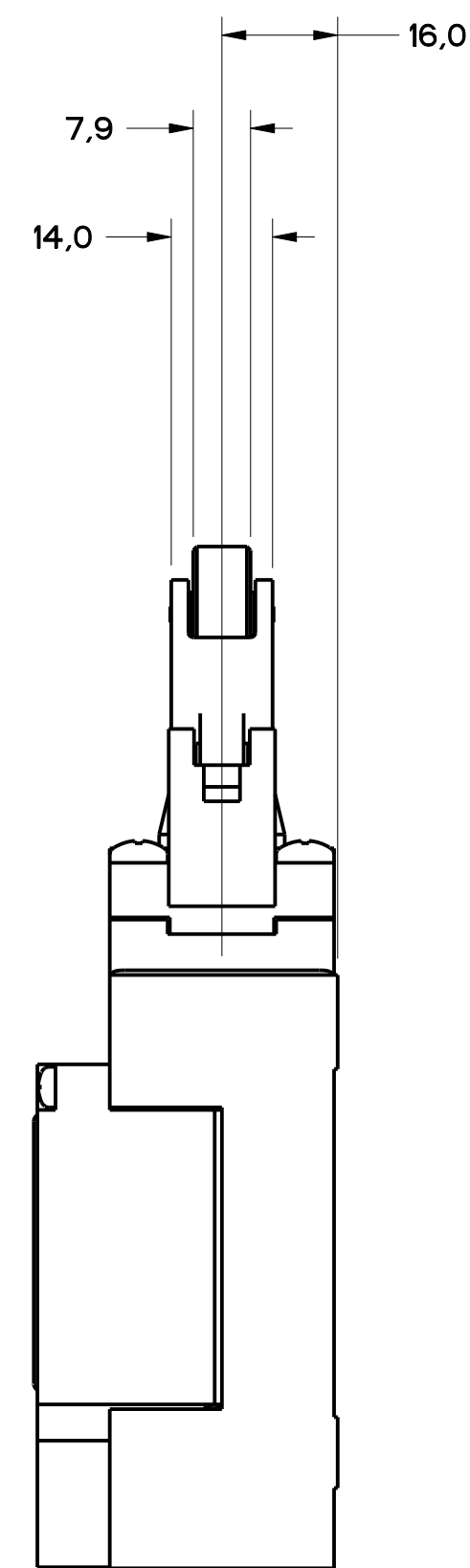


FIGURE 6 - TOP LEVER HEAD,
OTHERWISE REFER TO
FIGURE 1



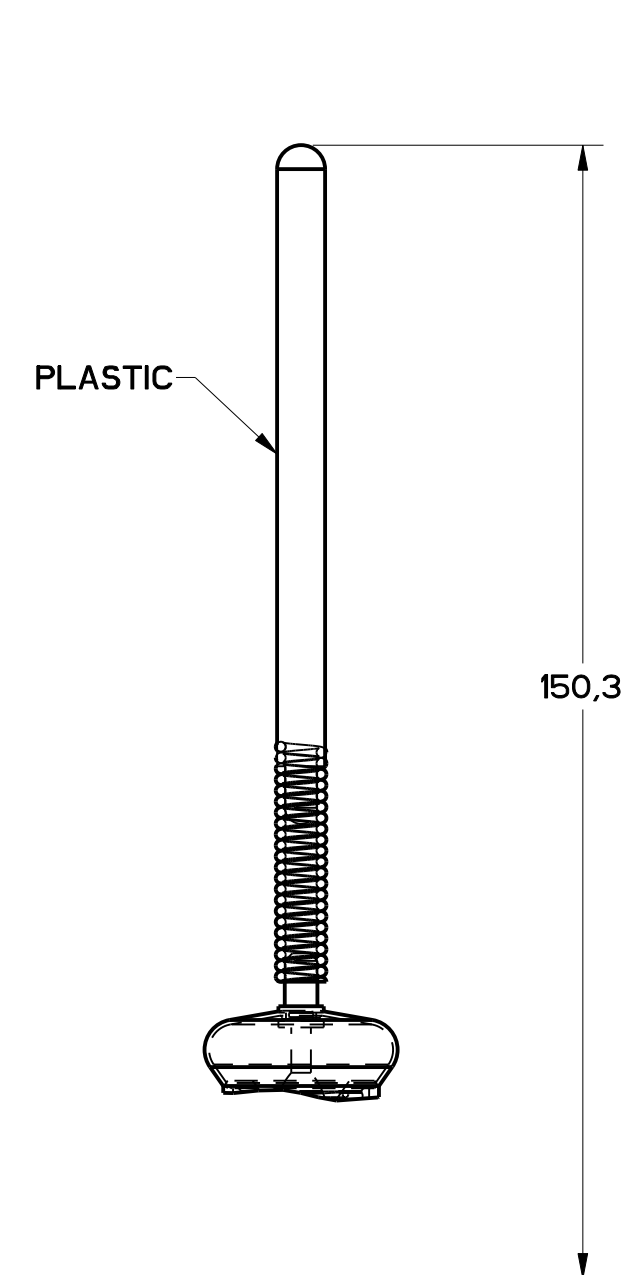
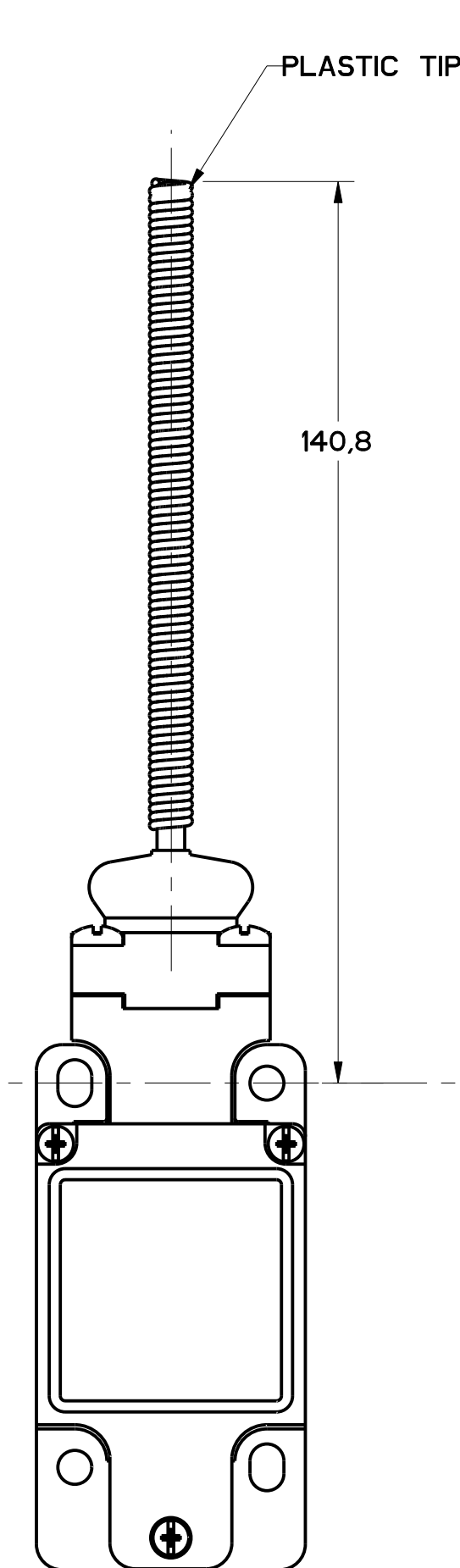


FIGURE 7A -
WOBBLE HEAD,
PLASTIC ACTUATOR,
OTHERWISE SAME AS FIGURE 7

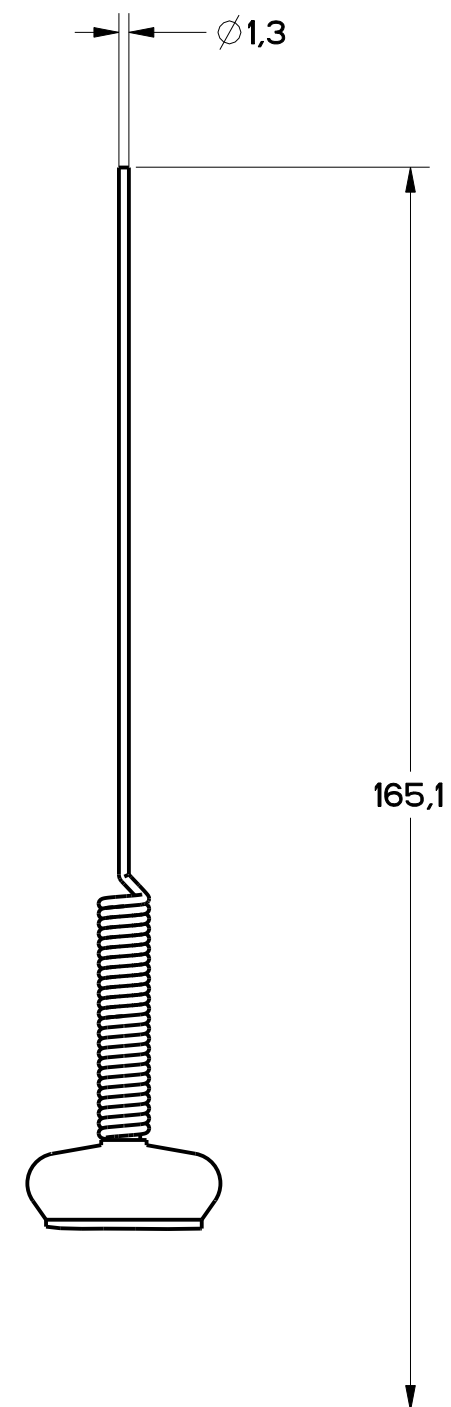


FIGURE 7B -
WOBBLE HEAD
STAINLESS STEEL SPRING
ACTUATOR, OTHERWISE
SAME AS FIGURE 7

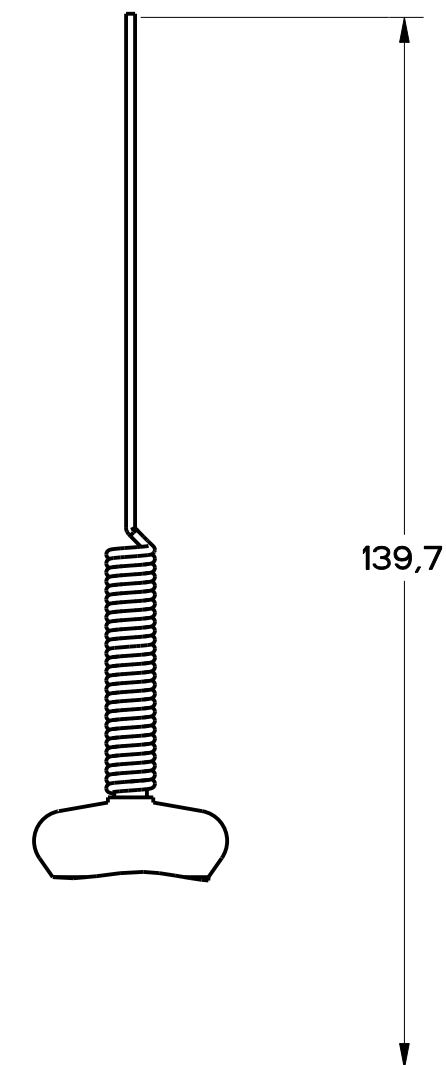


FIGURE 7C -
CAT WHISKER
ACTUATOR STAINLESS
STEEL SPRING
OTHERWISE SAME AS
FIGURE 7

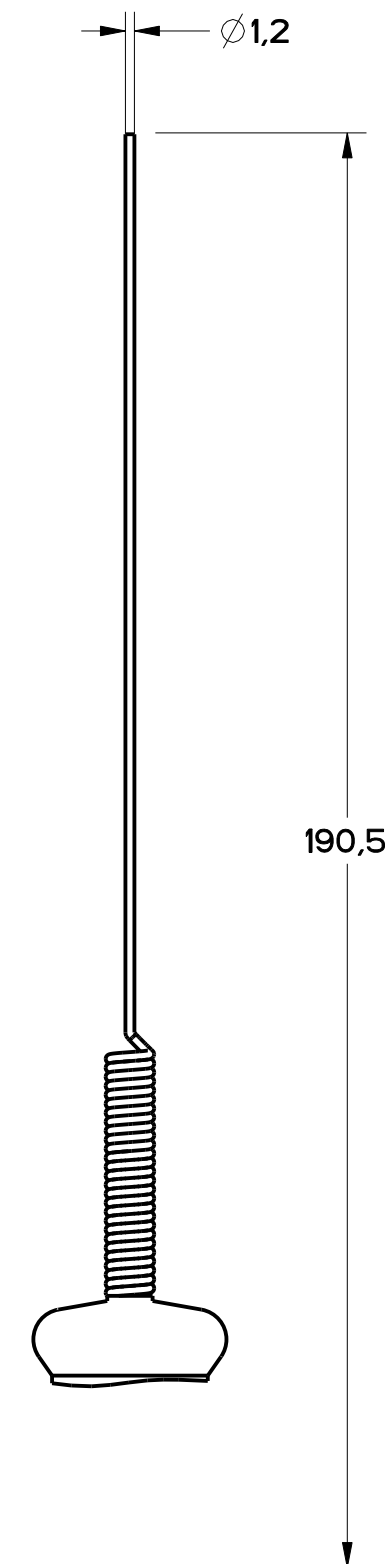


FIGURE 7D -
CAT WHISKER
ACTUATOR, STAINLESS
STEEL SPRING,
OTHERWISE SAME
AS FIGURE 7

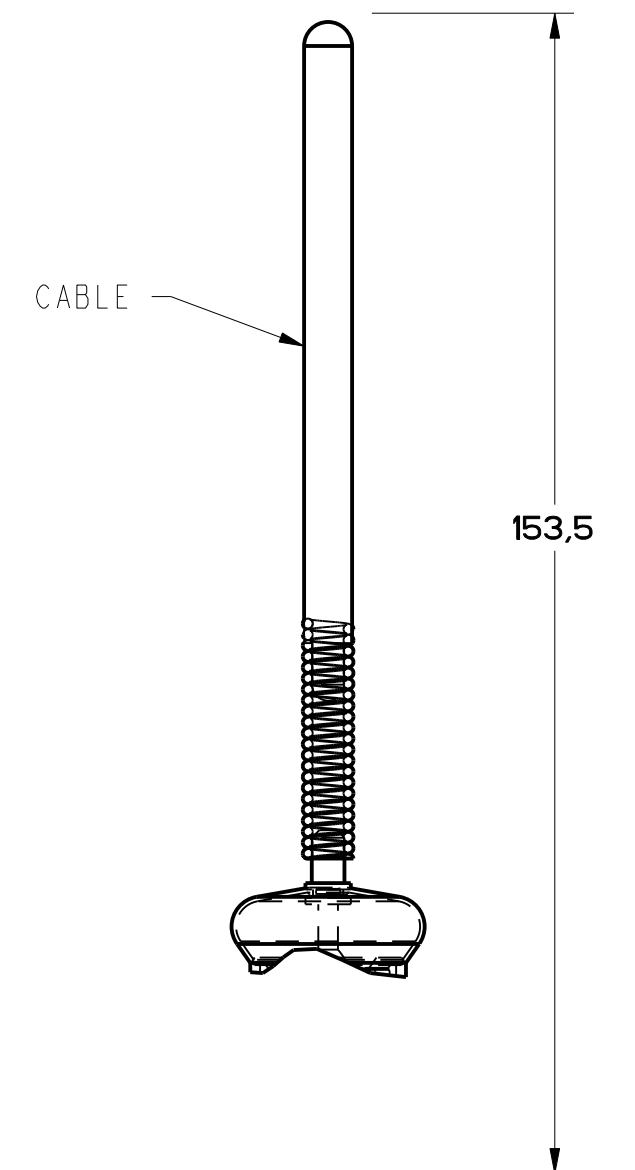


FIGURE 7E -
CABLE WOBBLE
ACTUATOR
OTHERWISE SAME
AS FIGURE 7

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

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	INCH	±.04	±.04
TWO PLACES	INCH	±.01	±.01
THREE PLACES	INCH	±.005	±.005
ANGLES	DEGREES	±2°	±2°
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	



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  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 		$\frac{9.7}{2.2}$	$\frac{11.4}{2.6}$	$\frac{.85}{33.5}$	$\frac{8.5}{.33}$	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 	21-22 26 13-14 > < 12 DIFFERENTIAL TRAVEL	$\frac{2.5}{0.6}$	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

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

MICRO SWITCH

a Honeywell Division

SWITCH, ENCLOSED

CATALOG LISTING

GL SERIES CHART 2

DIM.	TOL.	DIM.	TOL.
NO PLACES	X	X	0.01
ONE PLACE	X	X	0.01
TWO PLACES	X	X	0.01
THREE PLACES	X	X	0.01
ANGLES	X	X	0.01

SI METRIC

US CUSTOMARY

DESIGN UNITS

☒ SI METRIC ☐ US CUSTOMARY

ANSL X14 FM 1000 APR 1965



FIGURE 13B

NOMINAL TRAVELS AND RELATED TERMINALS
 CONTACT CLOSED, [] CONTACT OPEN [] - CONTACT CLOSED
 DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-

Age Group	Value
21-22	50.5
13-14	48
13-14 (Total)	43.5
Differential Travel	0.9

NOMINAL TRAVELS AND RELATED TERMINALS
 CONTACT CLOSED, ☐ CONTACT OPEN ☒ - CONTACT CLOSED
 DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5

0 15 18.3**

21-22 >

13-14 <

1.8 DIFFERENTIAL TRAVEL

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

CATALOG LISTING

GL SERIES CHART 2

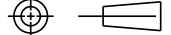
THIRD ANGLE PROJECTION			
			
FULL			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE :			
	DIM mm	TOL mm ±	DIM inches
NO PLACES OR ONE PLACE	x	1/16, 1/8	0.1, 0.5
TWO PLACES	x.xx	1/32, 1/64	0.001, 0.01
THREE PLACES	x.xxx	1/128, 1/256	0.0001, 0.001
FOUR PLACES		±0.0001	
±0.0001			
ANGLES	SI METRIC		US CUSTOMARY
DESIGN UNITS	☒ SI METRIC		☐ US CUSTOMARY
MATERIAL			

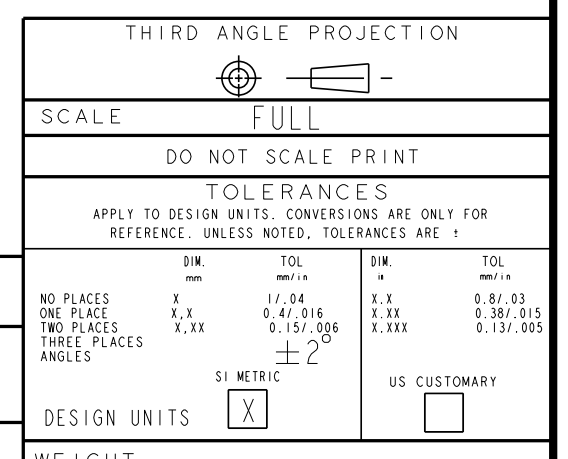


FIGURE 14B

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	MAXIMUM OPERATING FORCE $\frac{N}{LB}$	MAXIMUM DISCONNECT FORCE $\frac{N}{LB}$	MAX OPERATE VEL $\frac{M/S}{in/S}$	MIN OPERATE VEL $\frac{M/S}{in/S}$	MAX OPERATE FREQUENCY OPS/MIN
GL**02D	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	250

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 $\frac{N}{LB}$	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**02D	SNAP - ACTION CONTACTS SINGLE POLE 		$\frac{5.5}{1.2}$	$\frac{7.0}{1.6}$	$\frac{0.29}{11.4}$	$\frac{2.9}{.11}$	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

MICRO SWITCH
a Honeywell Division

SWITCH, ENCLOSED

CATALOG LISTING

GL SERIES CHART 2

ANSI Y14.5M-1982 APPLIES

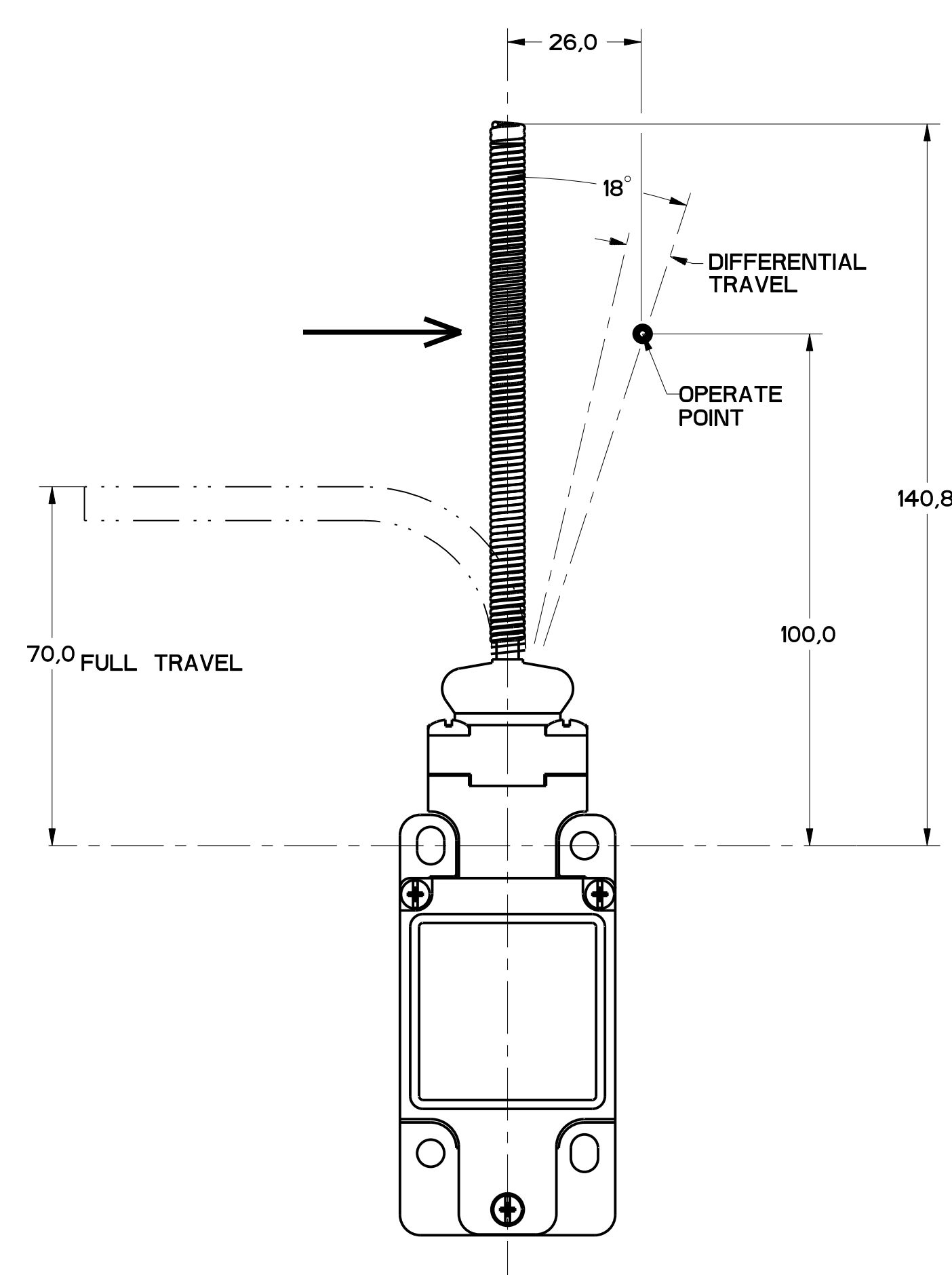


FIGURE 15

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



**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