

SIDE ROTARY

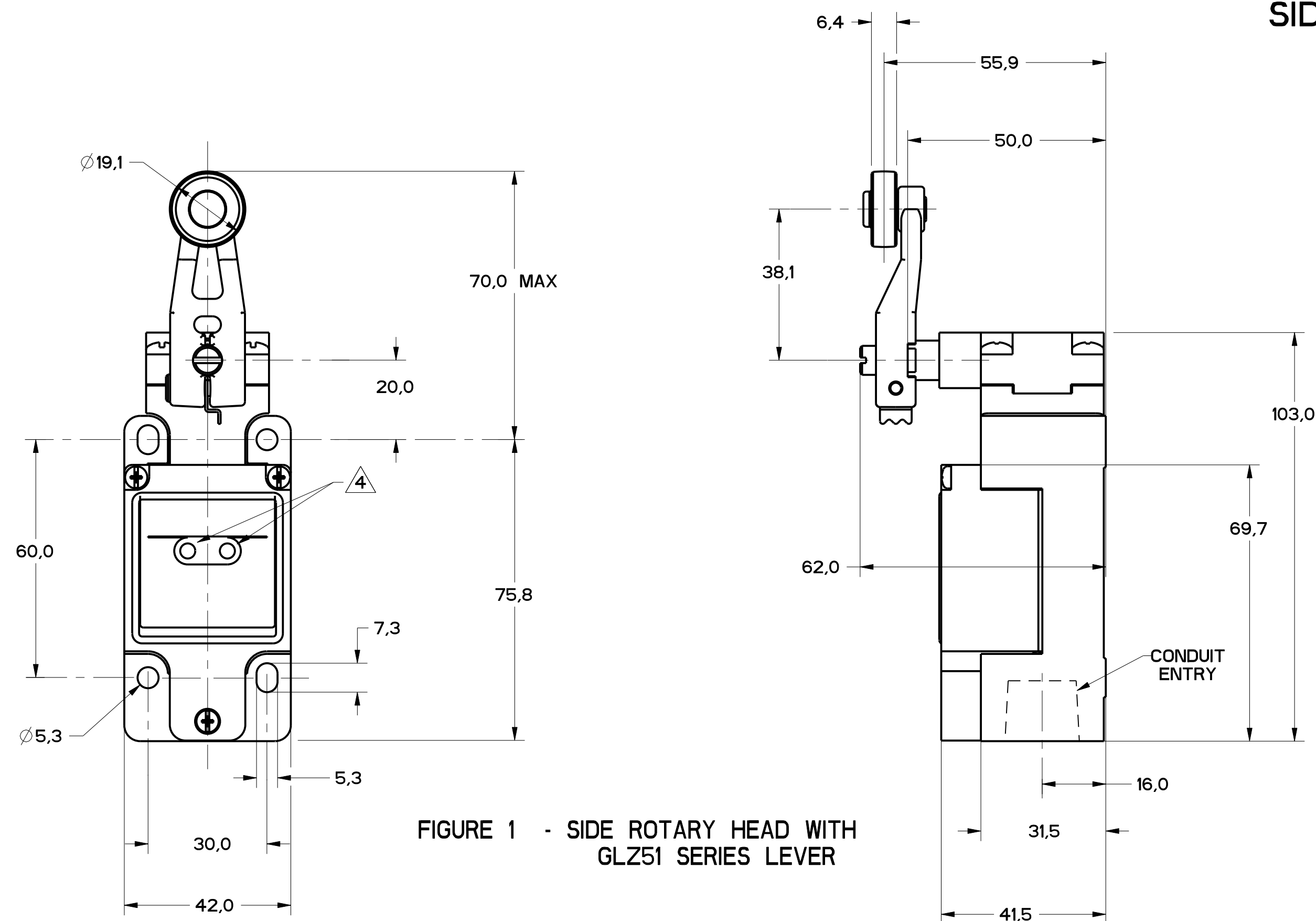


FIGURE 1 - SIDE ROTARY HEAD WITH GLZ51 SERIES LEVER

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

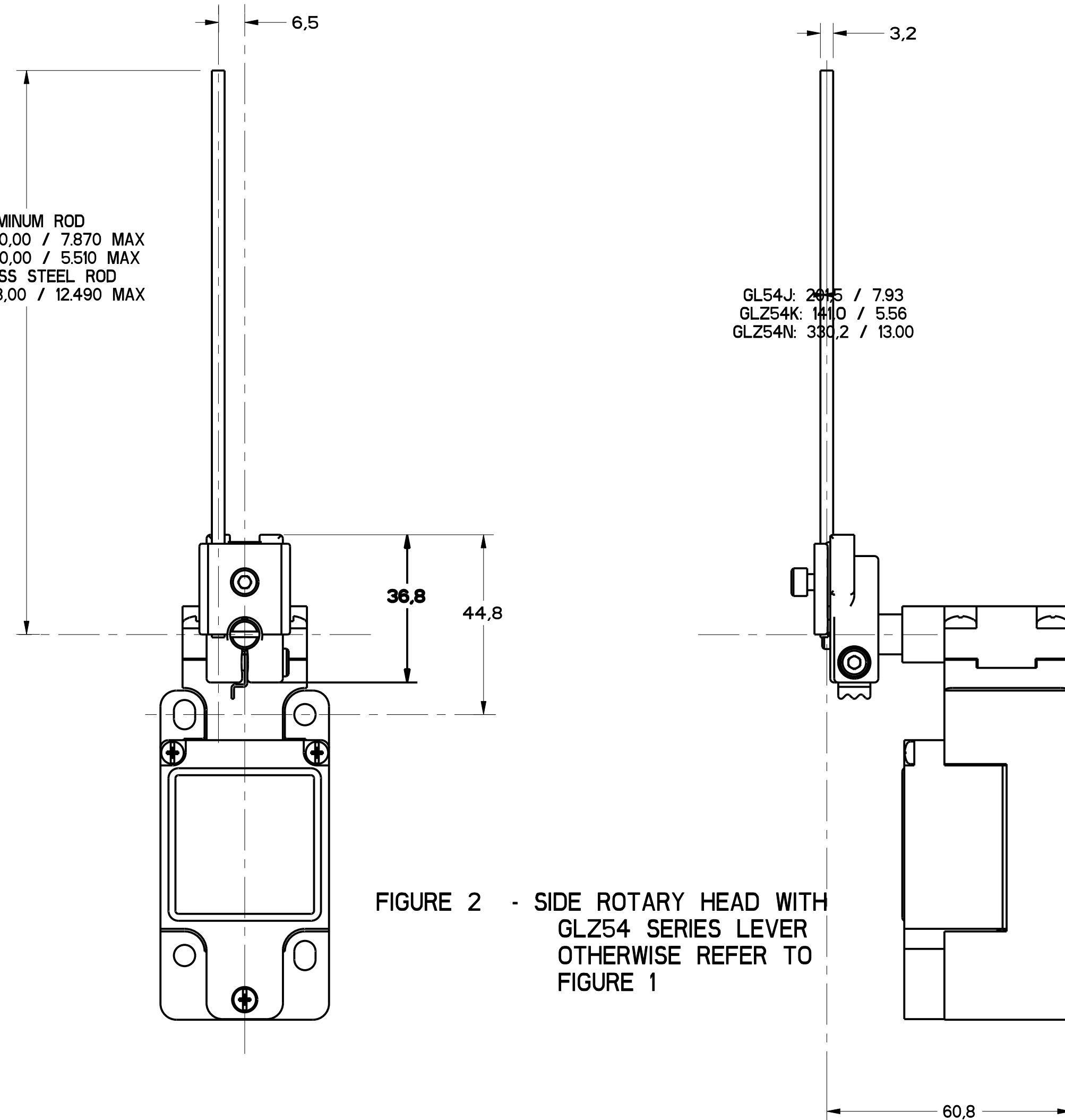


FIGURE 2 - SIDE ROTARY HEAD WITH GLZ54 SERIES LEVER OTHERWISE REFER TO FIGURE 1

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

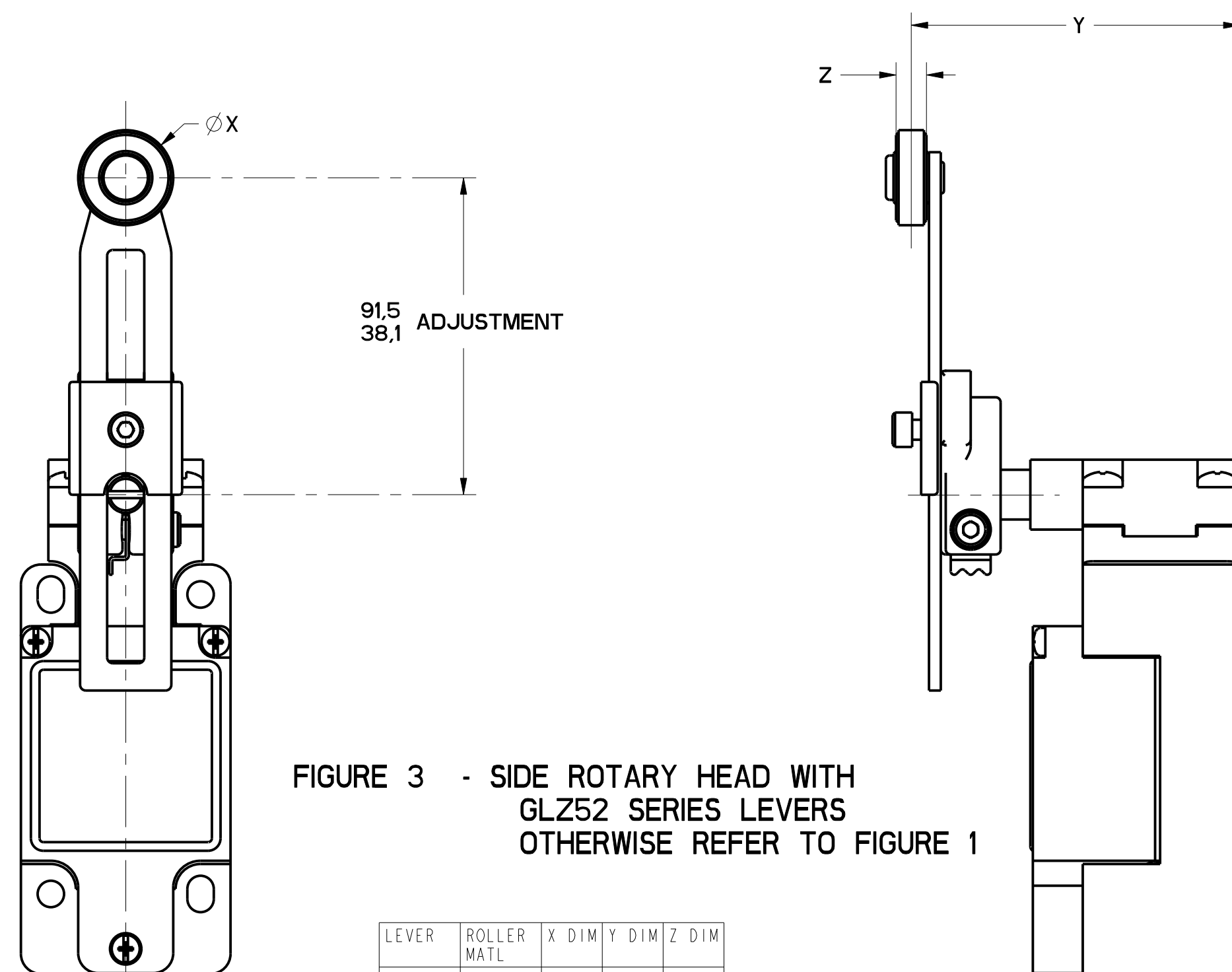


FIGURE 3 - SIDE ROTARY HEAD WITH GLZ52 SERIES LEVERS OTHERWISE REFER TO FIGURE 1

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	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

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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	INCHES	1/16	0.0625
ONE PLACE	INCHES	1/32	0.03125
TWO PLACES	INCHES	1/64	0.015625
THREE PLACES	INCHES	1/128	0.0078125
ANGLES	DEGREES	1/16	0.625
SI METRIC		US CUSTOMARY	
DESIGN UNITS		WEIGHT	

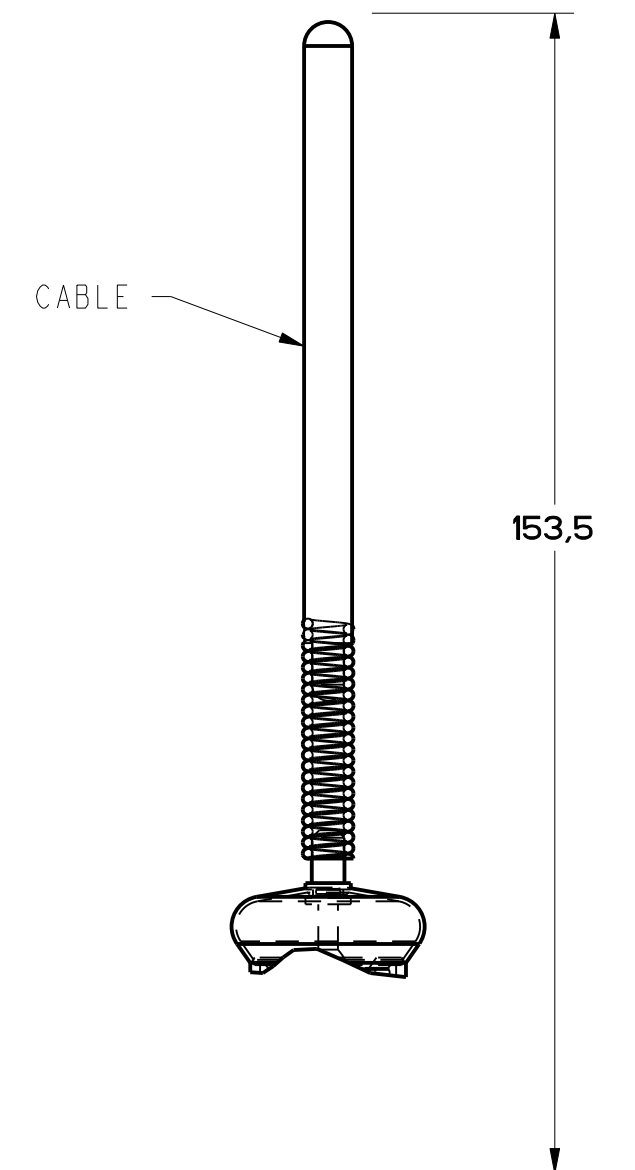
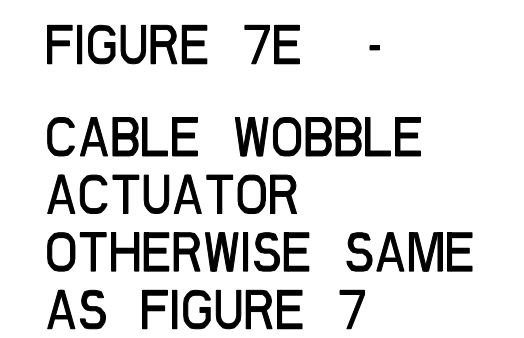
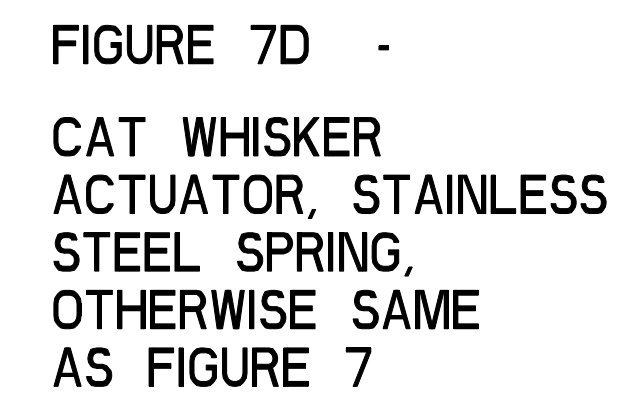
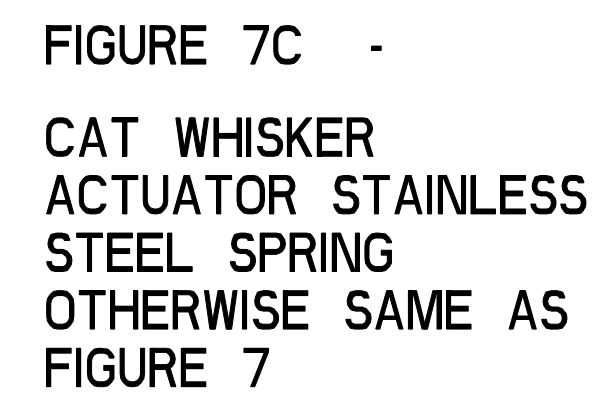
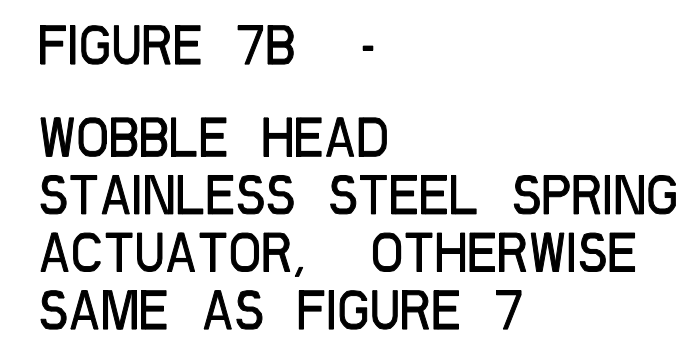
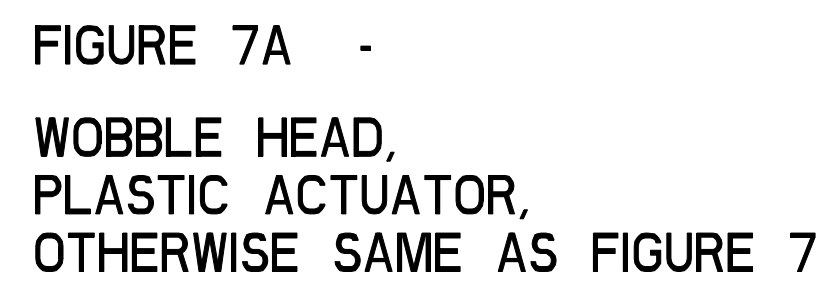


FIGURE 7 - WOBBLE HEAD, AND CAT WHISKER HEAD
COIL ACTUATOR,
OTHERWISE REFER TO
FIGURE 1

FED. MFG. CODE 91929

MICRO SWITCH
a Honeywell Division

CATALOG LISTING

GL SERIES CHART 2

THIRD ANGLE PROJECTION			
			
SCALE <u>FULL</u>			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE:			
DIM 1" = 1"		TOL 1/16" ± .004 .001 ± .001 .005 ± .001 .010 ± .001 .015 ± .001 .020 ± .001 .030 ± .001 .040 ± .001 .050 ± .001 .060 ± .001 .070 ± .001 .080 ± .001 .090 ± .001 .100 ± .001 .125 ± .001 .150 ± .001 .175 ± .001 .200 ± .001 .250 ± .001 .300 ± .001 .350 ± .001 .400 ± .001 .450 ± .001 .500 ± .001 .562 ± .001 .625 ± .001 .687 ± .001 .750 ± .001 .812 ± .001 .875 ± .001 .937 ± .001 1.000 ± .001 1.125 ± .001 1.250 ± .001 1.375 ± .001 1.500 ± .001 1.625 ± .001 1.750 ± .001 1.875 ± .001 2.000 ± .001 2.125 ± .001 2.250 ± .001 2.375 ± .001 2.500 ± .001 2.625 ± .001 2.750 ± .001 2.875 ± .001 3.000 ± .001 3.125 ± .001 3.250 ± .001 3.375 ± .001 3.500 ± .001 3.625 ± .001 3.750 ± .001 3.875 ± .001 4.000 ± .001 4.125 ± .001 4.250 ± .001 4.375 ± .001 4.500 ± .001 4.625 ± .001 4.750 ± .001 4.875 ± .001 5.000 ± .001 5.125 ± .001 5.250 ± .001 5.375 ± .001 5.500 ± .001 5.625 ± .001 5.750 ± .001 5.875 ± .001 6.000 ± .001 6.125 ± .001 6.250 ± .001 6.375 ± .001 6.500 ± .001 6.625 ± .001 6.750 ± .001 6.875 ± .001 7.000 ± .001 7.125 ± .001 7.250 ± .001 7.375 ± .001 7.500 ± .001 7.625 ± .001 7.750 ± .001 7.875 ± .001 8.000 ± .001 8.125 ± .001 8.250 ± .001 8.375 ± .001 8.500 ± .001 8.625 ± .001 8.750 ± .001 8.875 ± .001 9.000 ± .001 9.125 ± .001 9.250 ± .001 9.375 ± .001 9.500 ± .001 9.625 ± .001 9.750 ± .001 9.875 ± .001 10.000 ± .001 10.125 ± .001 10.250 ± .001 10.375 ± .001 10.500 ± .001 10.625 ± .001 10.750 ± .001 10.875 ± .001 11.000 ± .001 11.125 ± .001 11.250 ± .001 11.375 ± .001 11.500 ± .001 11.625 ± .001 11.750 ± .001 11.875 ± .001 12.000 ± .001 12.125 ± .001 12.250 ± .001 12.375 ± .001 12.500 ± .001 12.625 ± .001 12.750 ± .001 12.875 ± .001 13.000 ± .001 13.125 ± .001 13.250 ± .001 13.375 ± .001 13.500 ± .001 13.625 ± .001 13.750 ± .001 13.875 ± .001 14.000 ± .001 14.125 ± .001 14.250 ± .001 14.375 ± .001 14.500 ± .001 14.625 ± .001 14.750 ± .001 14.875 ± .001 15.000 ± .001 15.125 ± .001 15.250 ± .001 15.375 ± .001 15.500 ± .001 15.625 ± .001 15.750 ± .001 15.875 ± .001 16.000 ± .001 16.125 ± .001 16.250 ± .001 16.375 ± .001 16.500 ± .001 16.625 ± .001 16.750 ± .001 16.875 ± .001 17.000 ± .001 17.125 ± .001 17.250 ± .001 17.375 ± .001 17.500 ± .001 17.625 ± .001 17.750 ± .001 17.875 ± .001 18.000 ± .001 18.125 ± .001 18.250 ± .001 18.375 ± .001 18.500 ± .001 18.625 ± .001 18.750 ± .001 18.875 ± .001 19.000 ± .001 19.125 ± .001 19.250 ± .001 19.375 ± .001 19.500 ± .001 19.625 ± .001 19.750 ± .001 19.875 ± .001 20.000 ± .001 20.125 ± .001 20.250 ± .001 20.375 ± .001 20.500 ± .001 20.625 ± .001 20.750 ± .001 20.875 ± .001 21.000 ± .001 21.125 ± .001 21.250 ± .001 21.375 ± .001 21.500 ± .001 21.625 ± .001 21.750 ± .001 21.875 ± .001 22.000 ± .001 22.125 ± .001 22.250 ± .001 22.375 ± .001 22.500 ± .001 22.625 ± .001 22.750 ± .001 22.875 ± .001 23.000 ± .001 23.125 ± .001 23.250 ± .001 23.375 ± .001 23.500 ± .001 23.625 ± .001 23.750 ± .001 23.875 ± .001 24.000 ± .001 24.125 ± .001 24.250 ± .001 24.375 ± .001 24.500 ± .001 24.625 ± .001 24.750 ± .001 24.875 ± .001 25.000 ± .001 25.125 ± .001 25.250 ± .001 25.375 ± .001 25.500 ± .001 25.625 ± .001 25.750 ± .001 25.875 ± .001 26.000 ± .001 26.125 ± .001 26.250 ± .001 26.375 ± .001 26.500 ± .001 26.625 ± .001 26.750 ± .001 26.875 ± .001 27.000 ± .001 27.125 ± .001 27.250 ± .001 27.375 ± .001 27.500 ± .001 27.625 ± .001 27.750 ± .001 27.875 ± .001 28.000 ± .001 28.125 ± .001 	



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

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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

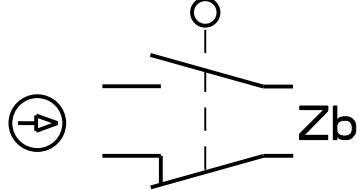
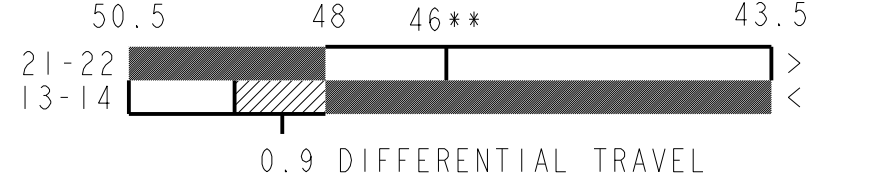
FIGURE 12, WOBBLE HEAD, ANGULAR ACTUATION								
CATALOG LISTING	CONTACT BLOCK DIAGRAM	NOMINAL TRAVELS AND RELATED TERMINALS CONTACT CLOSED, CONTACT OPEN - CONTACT CLOSED DIFFERENTIAL TRAVEL, ** POSITIVE OPENING TO IEC 947-5-1	MAXIMUM OPERATING TORQUE N-m LB/in	MAXIMUM DISCONNECT TORQUE N-m LB/in	MAX OPERATE DEGREE/S	MIN OPERATE VELOCITY DEGREE/S	MAX OPERATE RATE CYCLES/MIN	
GL**02E	Snap - ACTION CONTACTS SINGLE POLE	21-22 13-14 18° 8° DIFFERENTIAL TRAVEL > <	0.2 1.8	N/A	360	8	100	

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 $\frac{M}{S}$ $\frac{IN}{S}$	MIN OPERATE VEL $\frac{MM}{S}$ $\frac{IN}{S}$	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

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DIM	TOL	DIM	TOL																								
mm	mm / in	mm	mm / in																								
1	1.64	1	0.81 / 0																								
2	0.41 / 0.06	2	0.13 / 0																								
3	0.15 / 0.06	3	0.13 / 0.05																								
± 2																											
FED. MFG. CODE 91929	CATALOG LISTING																										
MICRO SWITCH a Honeywell Division	GL SERIES CHART 2																										
	SWITCH, ENCLOSED																										
		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 mm/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

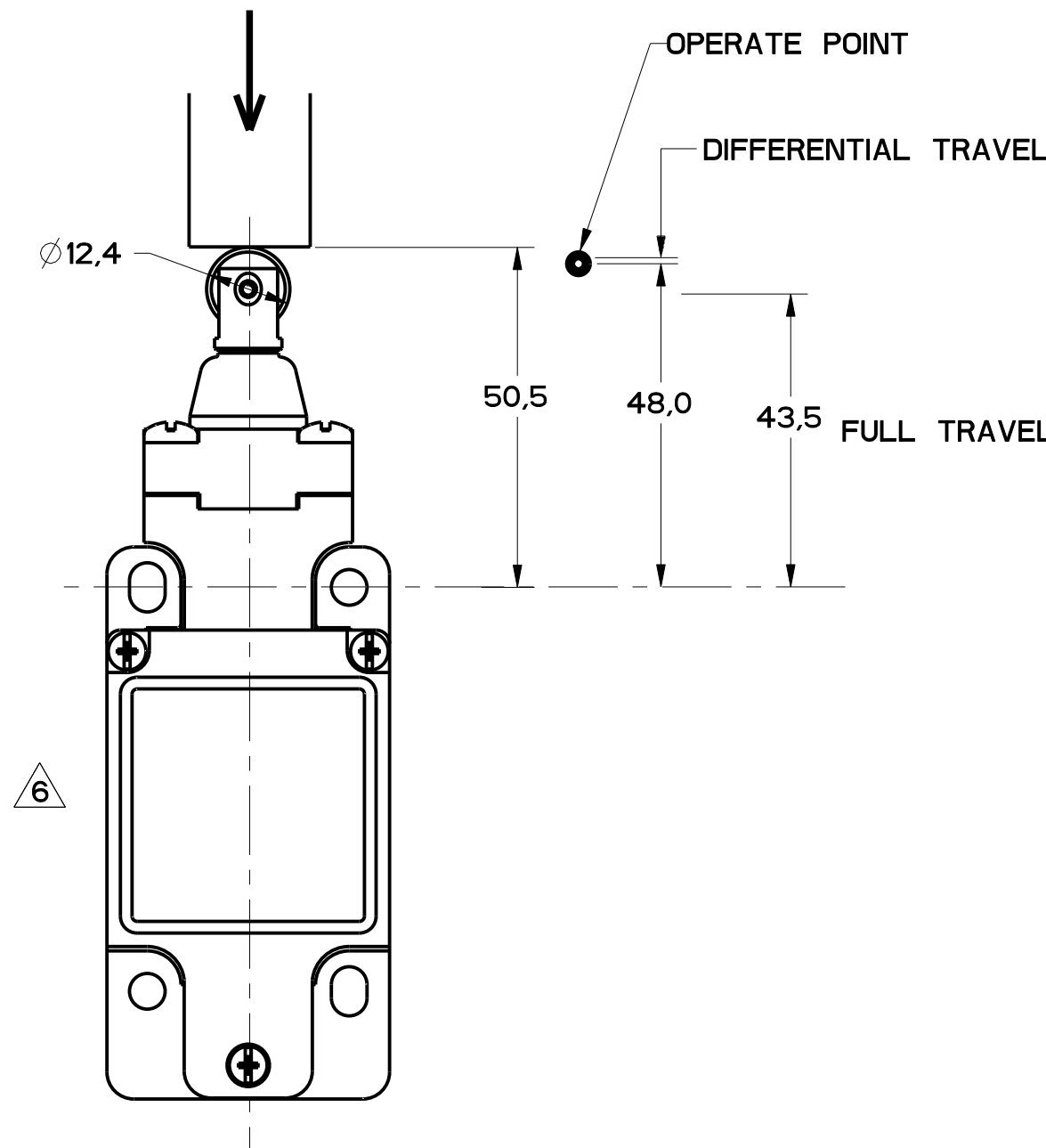


FIGURE 13A

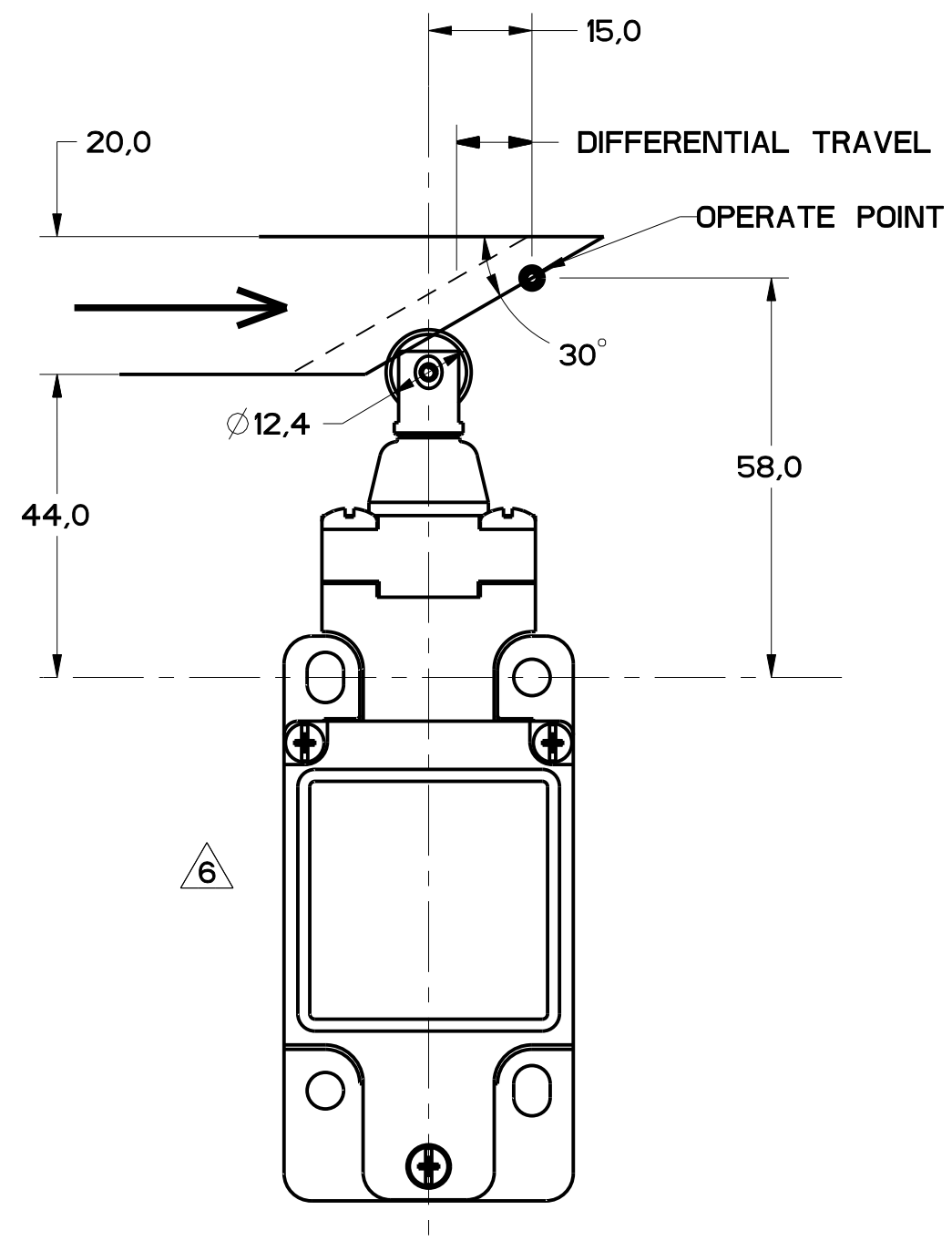
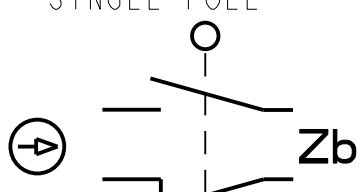
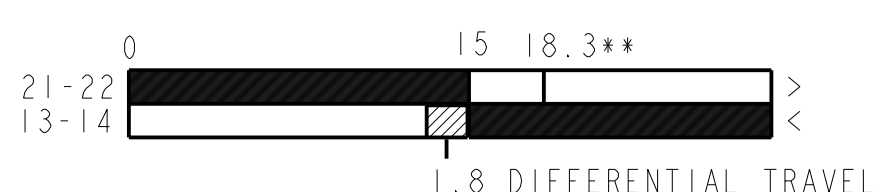
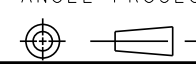


FIGURE 13B

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 mm/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	180292
B	01 SEP 94
C	CO 93789
D	0002986
E	0017532
F	0002986

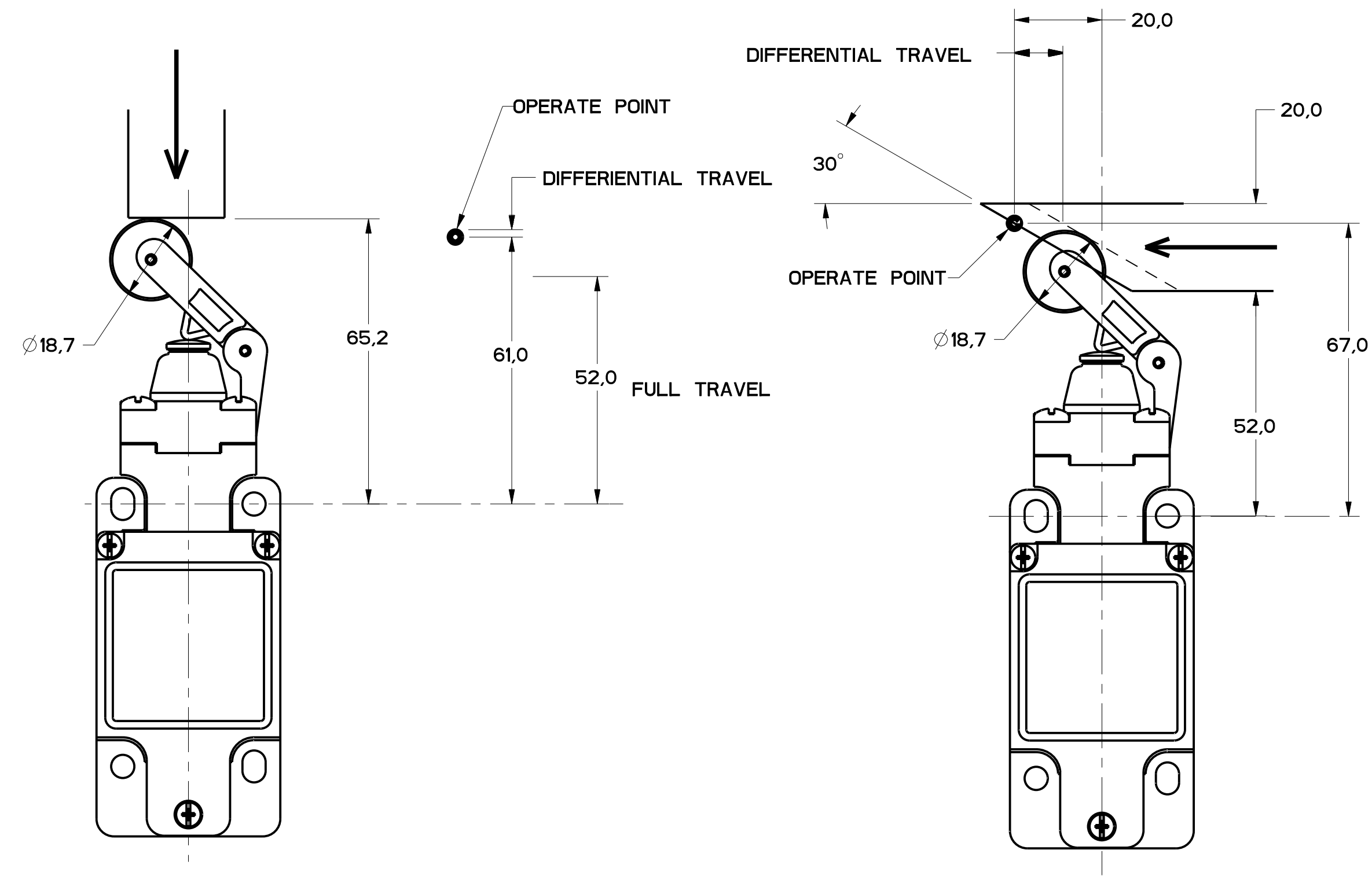


FIGURE 14A

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

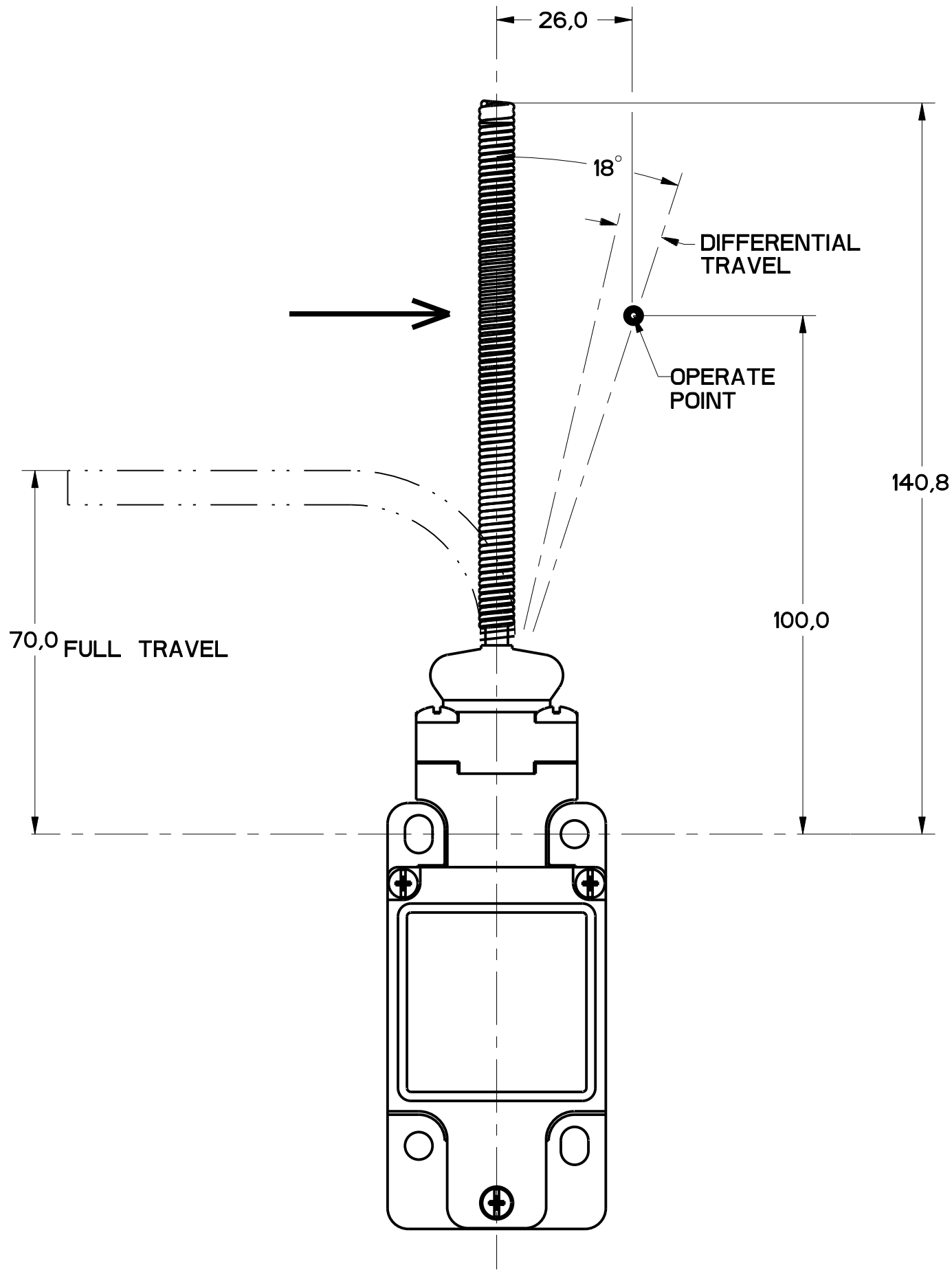


FIGURE 15

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

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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