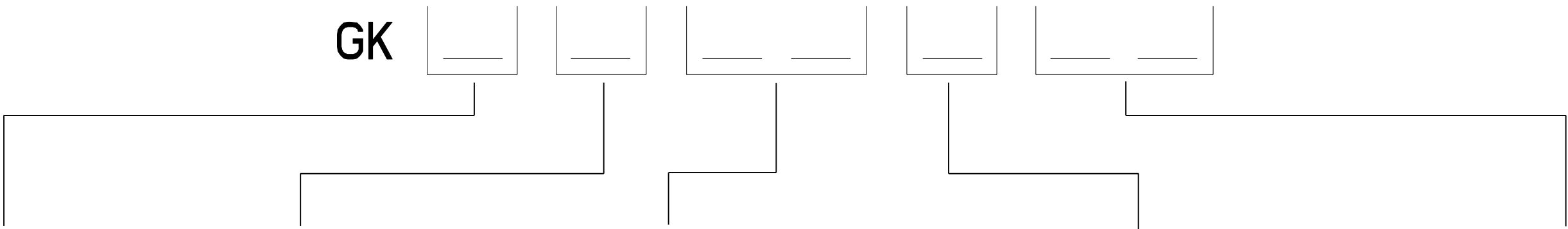


DUAL ENTRY KEY OPERATED SAFETY INTERLOCK NOMENCLATURE

GK

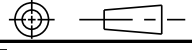


BODY / INDICATOR		CONDUIT		BASIC 		HEAD		KEY	
B	NO INDICATOR	A	1/2 NPT	1	SNAP ACTION 1 NC - 1 NO, A600	L	OPENING TO FRONT AND TOP	6	STRAIGHT
C	SINGLE LED INDICATOR	B	PG 13.5	2	SNAP ACTION 2 NC - 2 NO, A600	M	OPENING TO RIGHT AND TOP	7	90 DEGREE
D	DOUBLE LED INDICATOR	C	20 MM	3	SLOW ACTING 1 NC - 1 NO BBM, A600	N	OPENING TO BACK AND TOP	8	UP-DOWN - SPRING LOADED
		D	PF 1/2	4	SLOW ACTING 1 NC - 1 NO MBB, A600	P	OPENING TO LEFT AND TOP	9	SIDE-SIDE - SPRING LOADED
				6	SLOW ACTING 2 NC, A500			X	NO KEY
				7	SNAP ACTION 1 NC - 1 NO - GOLD, A600				
				10	SLOW ACTING 4 NC, A300				
				12	SLOW ACTING 2 NC - 1 NO BBM, A300				
				14	SLOW ACTING 2 NC - 2 NO BBM, A300				
				16	SLOW ACTING 3 NC - 1 NO BBM, A300				
				30	SLOW ACTING 4 NC - GOLD, A300				
				32	SLOW ACTING 2 NC - 1 NO BBM - GOLD, A300				
				34	SLOW ACTING 2 NC - 2 NO BBM - GOLD, A300				
				36	SLOW ACTING 3 NC - 1 NO BBM - GOLD, A300				

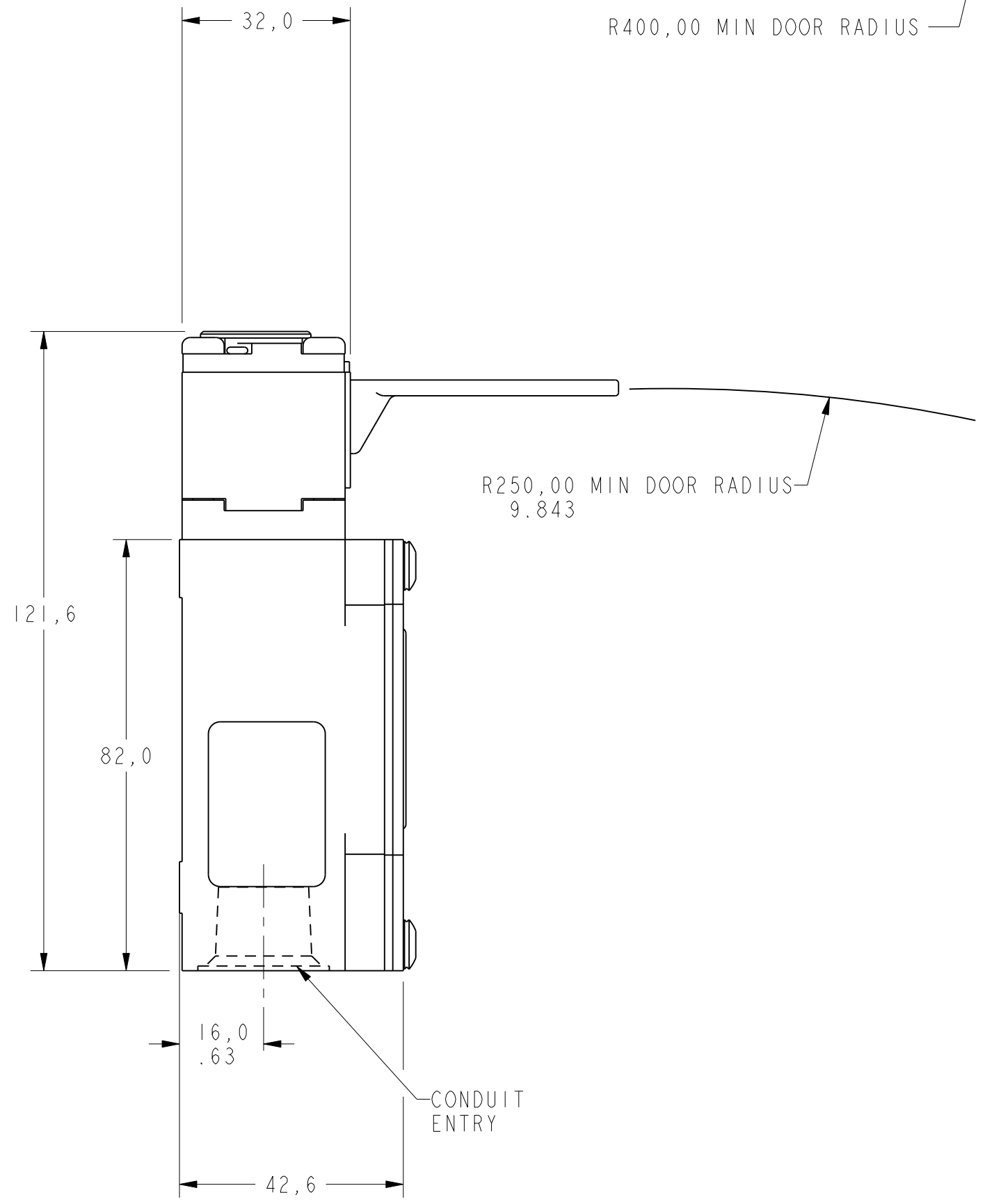
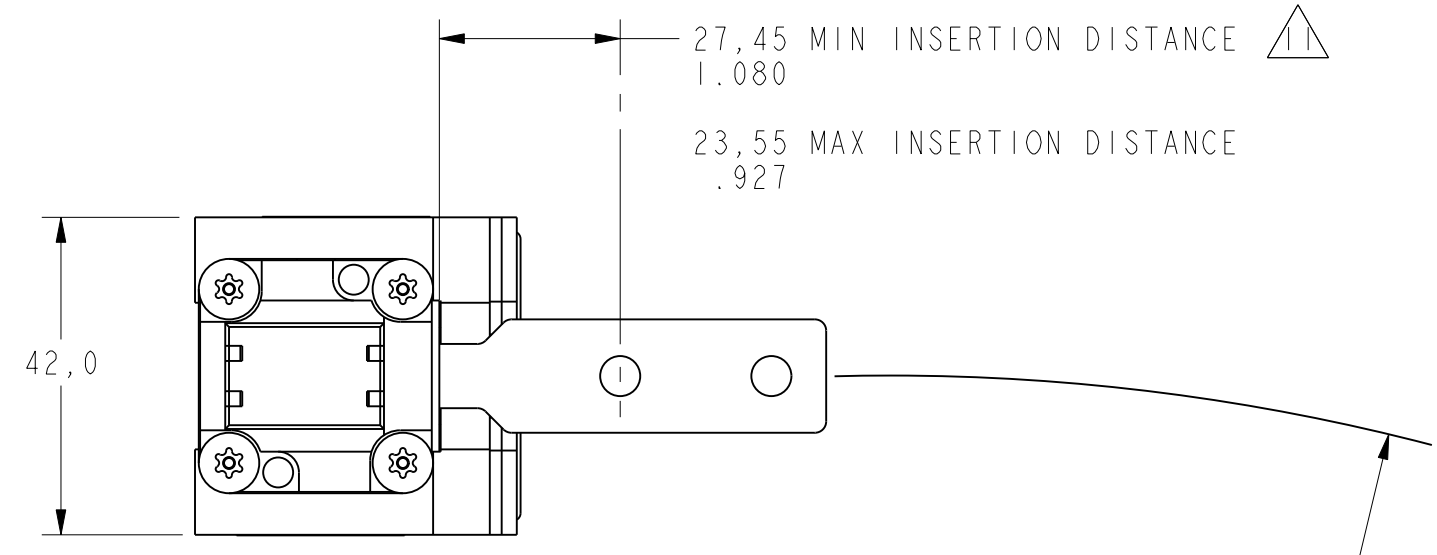
NOTES

- 1 - ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY, HEAD AND COVER FINISHED WITH EPOXY PAINT
- 2 - MINIMUM OPERATING VELOCITY (V_{min}) = 10 mm/S
39 in/S
MAXIMUM OPERATING VELOCITY (V_{max}) = 1 M/S
39.4 in/S
- 3 - MAXIMUM OPERATING FREQUENCY (F_{max}) = 100 OPS/MIN
NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT FREEPORT/NEWHOUSE APPROVAL
- 4 - INSERTION FORCE = 35N NOM
8 LB
EXTRACTION FORCE = 28 N NOM
6 LB
- 5 - SNAP ACTION N.C. CONTACTS: POSITIVE OPENING
SLOW MAKE AND BREAK N.C. CONTACTS: DIRECT ACTING
- 6 - WHEN KEY IS INSERTED: N.C. TERMINALS ARE 11/12, 21/22, 31/32 AND/OR 41/42
N.O. TERMINALS ARE 13/14, 23/24, 33/34 AND/OR 43/44
- 7 - THE MAXIMUM VOLTAGE, V_e OF GKC AND GKD SERIES PRODUCTS IS THE MAXIMUM RATED VOLTAGE OF INDICATION LIGHTS: 12 TO 250 VAC/DC FOR GKC AND 18 TO 30 VDC FOR GKD
- 8 - THE LEFT INDICATOR IS GREEN AND IS INTENDED TO INDICATE "POWER ON". THIS FEATURE IS ON GKD SERIES PRODUCTS ONLY.
THE RIGHT INDICATOR IS YELLOW AND IS INTENDED TO INDICATE "OUTPUT STATUS". THIS FEATURE IS ON GKC AND GKD SERIES PRODUCTS ONLY
- 9 - SEE BASIC SWITCH COLUMN FOR VOLTAGE RATING
- 10 - T-15 TAMPER PROOF TORX DRIVER BIT PROVIDED
- 11 - SWITCH MUST OPERATE BEFORE REACHING MINIMUM INSERTION DISTANCE
- 12 - "S" MARK APPROVAL APPLICABLE ONLY FOR GK TYPE BA14XXX,BA16XXX SERIES ONLY

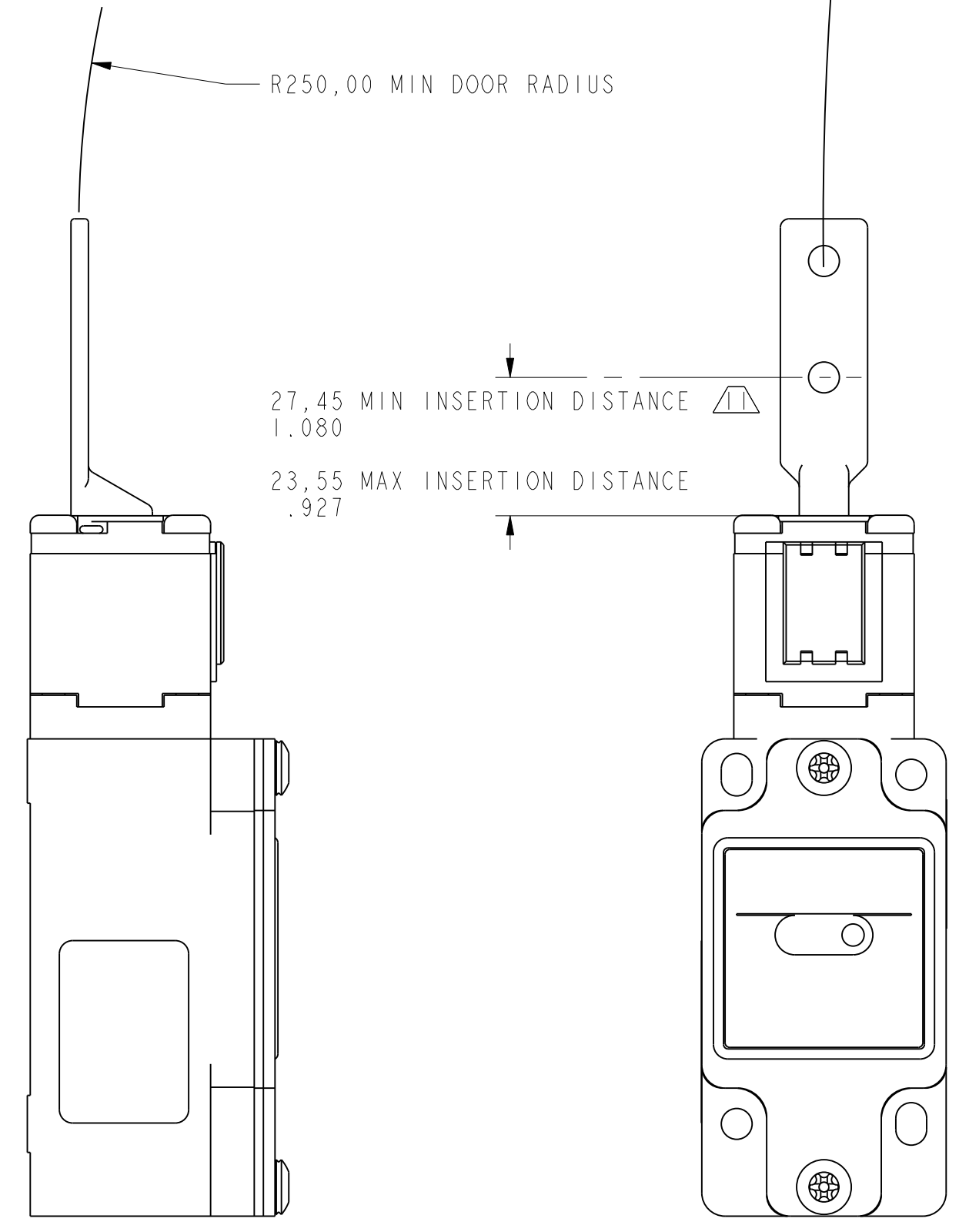
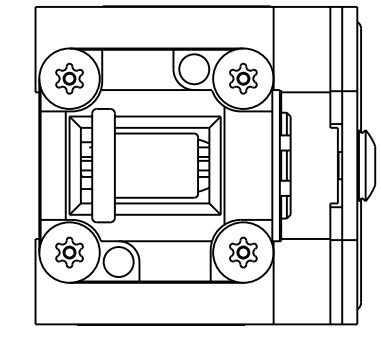
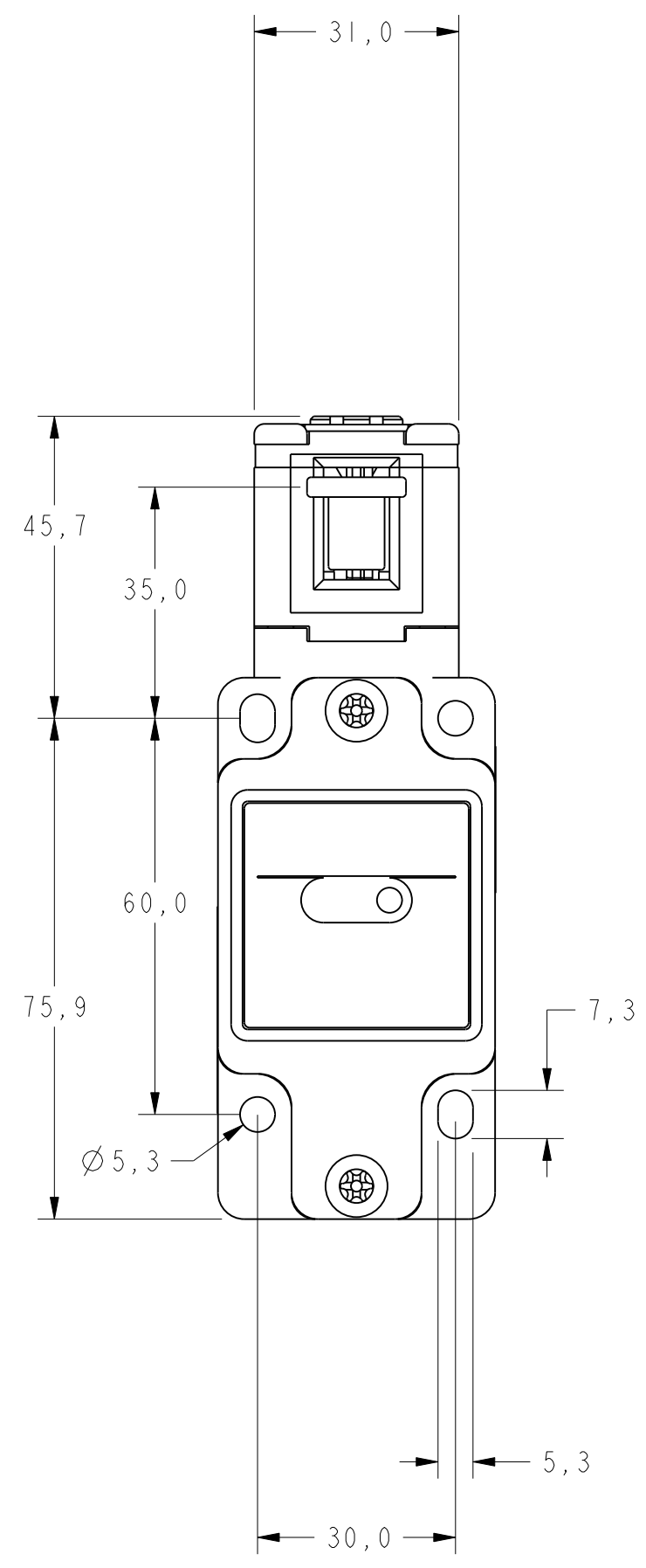
ELECTRICAL RATING 				ENVIRONMENTAL		APPROVALS	
AC		DC		IP 67 NEMA 1, 4, 12 & 13		  IEC 947-5-1 EN50041	
A300/A600 U_e 	AC15 I_e	Q300 U_e	DC13 I_e	TEMP RANGE: -25°C TO 85°C -13°F TO 185°F			
(VOLTS)	(AMPS)	(VOLTS)	(AMPS)	STORAGE: -40°C TO 85°C -40°F TO 185°F			
120	6	24	2.8	SHOCK: 50G PER IEC 68-2-27		 	
240	3	125	.55	VIBRATION: 10G PER IEC 68-2-6			
380	1.9	250	.27				
480	1.5						
500	1.4						
600	1.2						
Ith = 10A							

THIRD ANGLE PROJECTION			
			
SCALE NONE			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(.0)	±.030	
TWO PLACES	(.00)	±.015	
THREE PLACES	(.000)	±.005	
ANGLES		±	
WEIGHT APPROX .5 KG / 1 LB			

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		
 a Honeywell Division	SWITCH - LIMIT	GK SERIES CHART 3
FED. MFG. CODE 91929		



FRONT ENTRY



TOP ENTRY

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.		
MICRO SWITCH a Honeywell Division FED. MFG. CODE 91929	SWITCH - LIMIT	CATALOG LISTING
	GK SERIES CHART 3	

THIRD ANGLE PROJECTION		
SCALE FULL		
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.0)	± .030
TWO PLACES	(.00)	± .015
THREE PLACES	(.000)	± .005
ANGLES		±
WEIGHT APPROX .5 KG / 1LB		

PTC/CAD 3D		DRAWN		MAM		28 AUG 98		CHECK		JAF	
ISSUE		DRAWING NUMBER		RS		07 JAN 09		CHECK		DVM	
30				RS		07 JAN 09		CHECK		DVM	
GK SERIES CHART 3		PAGE 2 OF 8		RELEASE NO. PR-23758		REPLACES					

REVISIONS		
A	206394	TSM
B	206443	TSM
C	206976	TSM
D	207003	TSM
E	207211	TSM
F	207576	TSM
G	0000385	TSM
H	0025008	TSM
J	0047425	TSM

PTC/CAD 30

DRAWN

MAM

31 AUG 98

CHECK

JAF

REVISIONS

A

206394

TSM

9SEP02

B

206443

TSM

13SEP02

C

206976

TSM

27NOV02

D

207003

GLT

40DEC02

E

207211

TSM

15JAN03

F

207576

TSM

5MAR03

G

0000385

GLT

2JUN03

H

0025008

BNA

21SEP06

J

0047425

LK

07JAN09

ISSUE

30

DRAWING NUMBER

30

RS

07JAN09

CHECK

DVM

21SEP06

RELEASE NO.

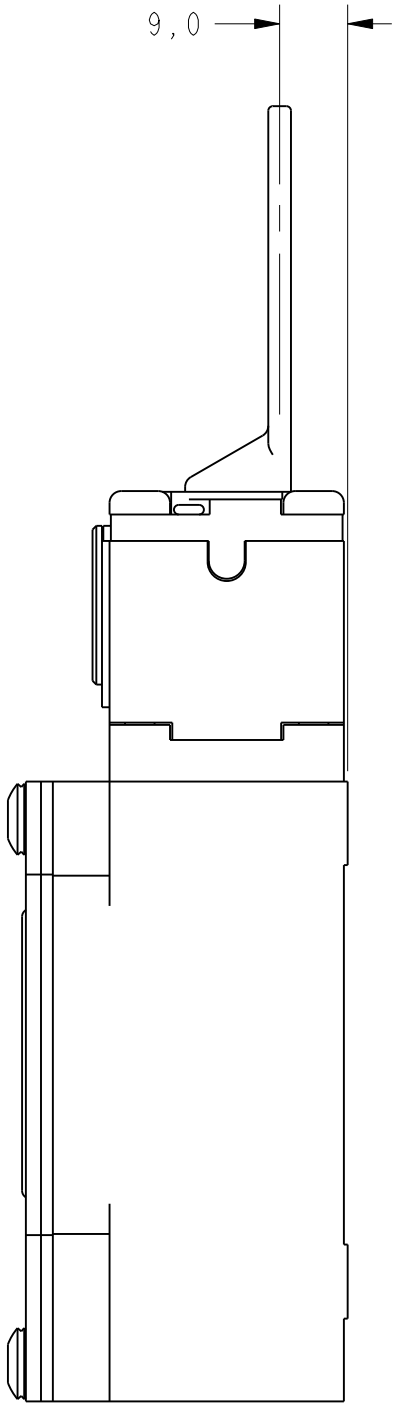
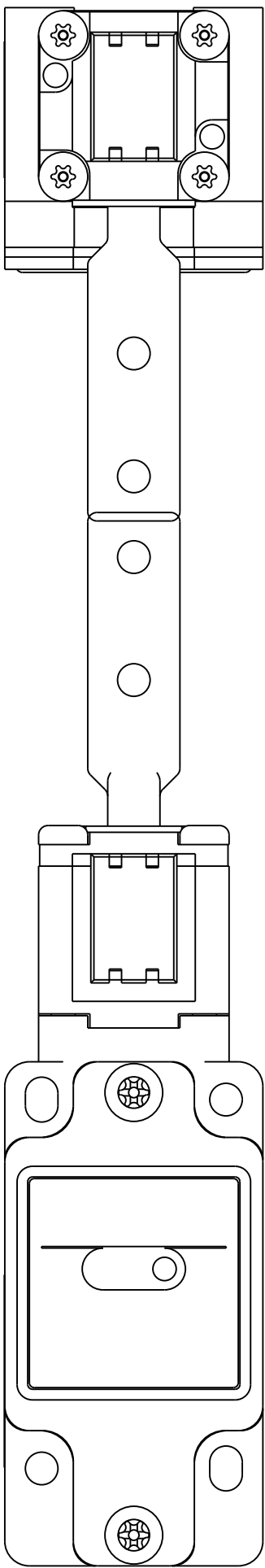
PR-23758

REPLACES

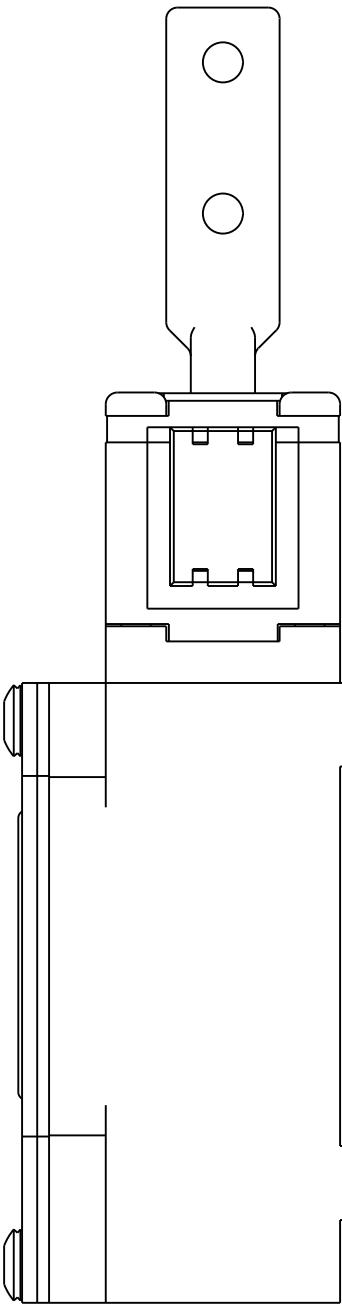
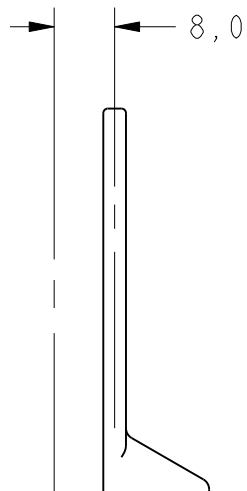
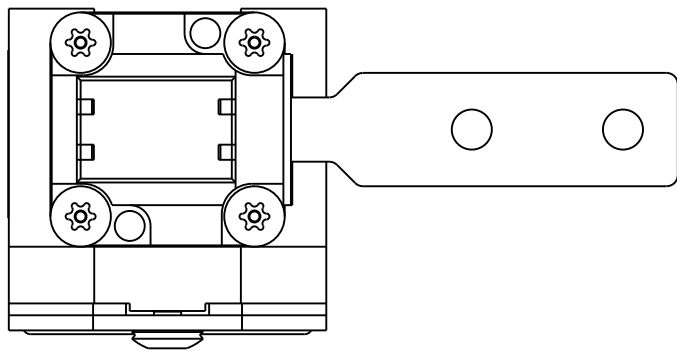
3 OF 8

M

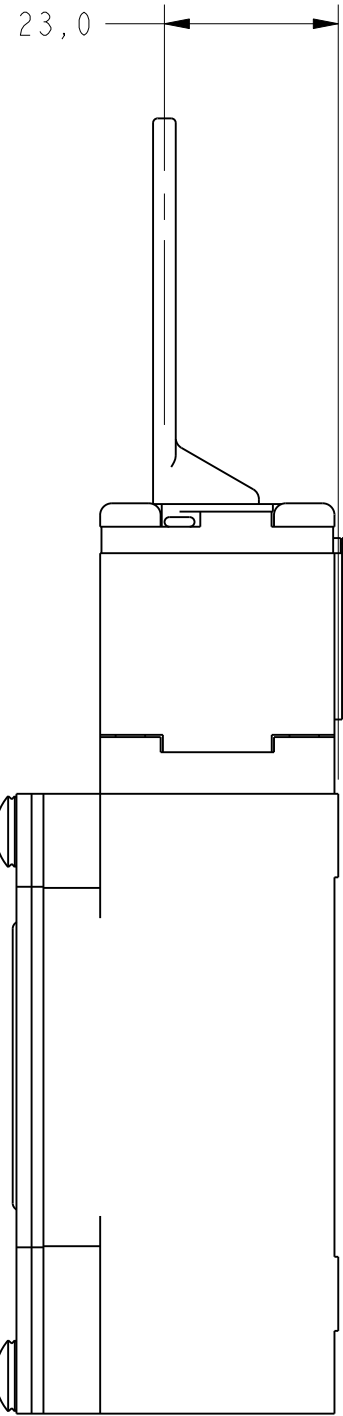
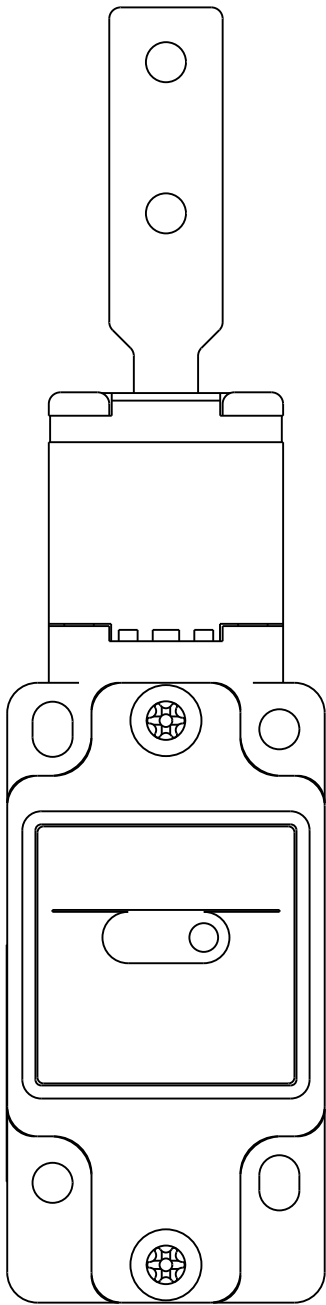
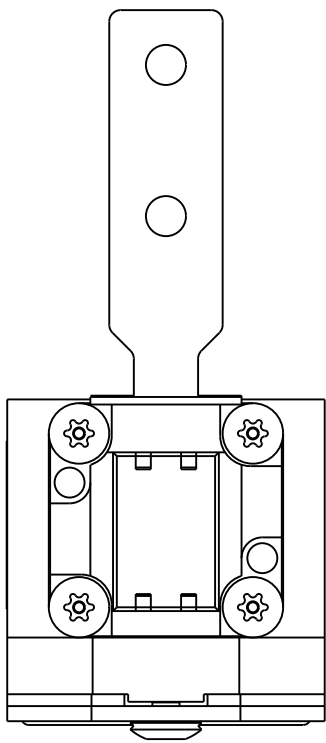
GK SERIES CHART 3



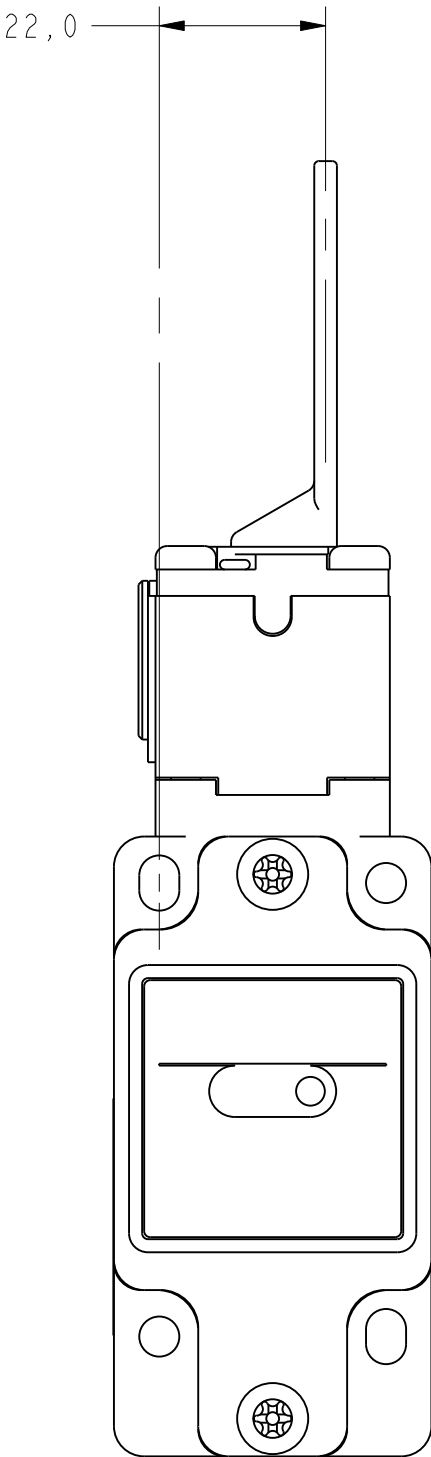
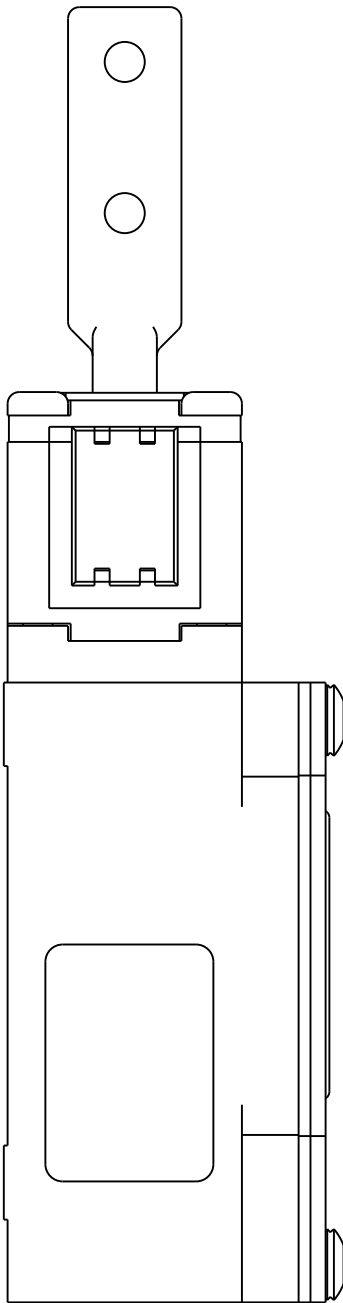
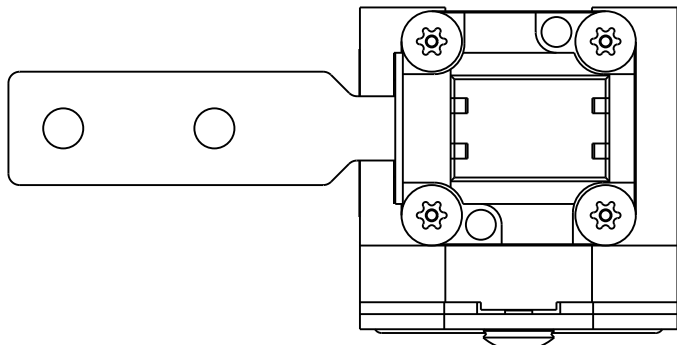
HEAD CODE L



HEAD CODE M



HEAD CODE N



HEAD CODE P

MICRO SWITCH

a Honeywell Division

SWITCH - LIMIT

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CATALOG LISTING

GK SERIES CHART 3

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE

(.0)

±.030

TWO PLACES

(.00)

±.015

THREE PLACES

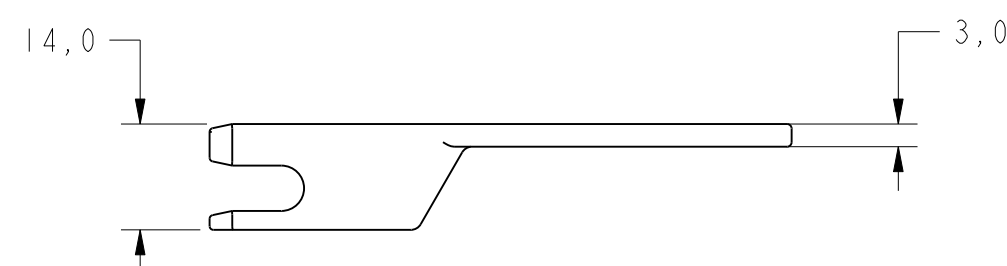
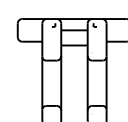
(.000)

±.005

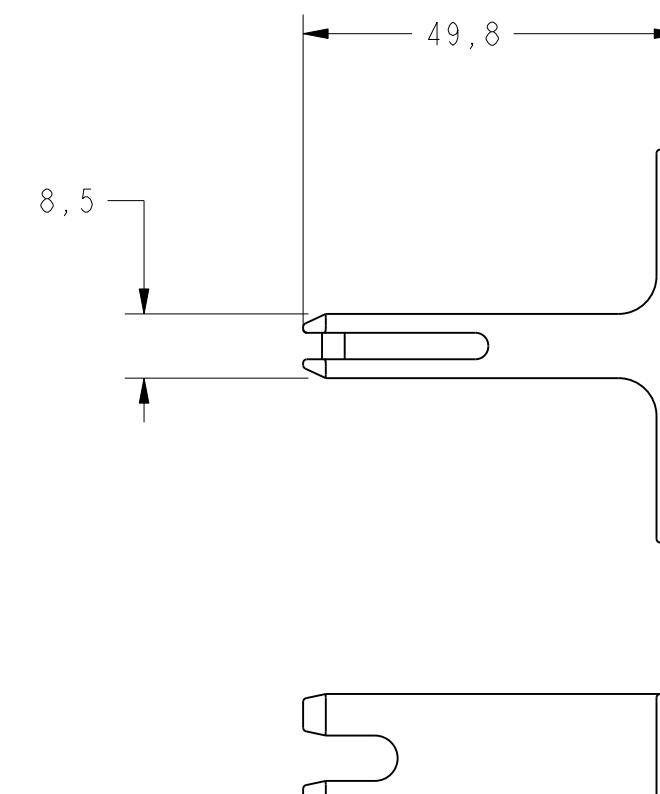
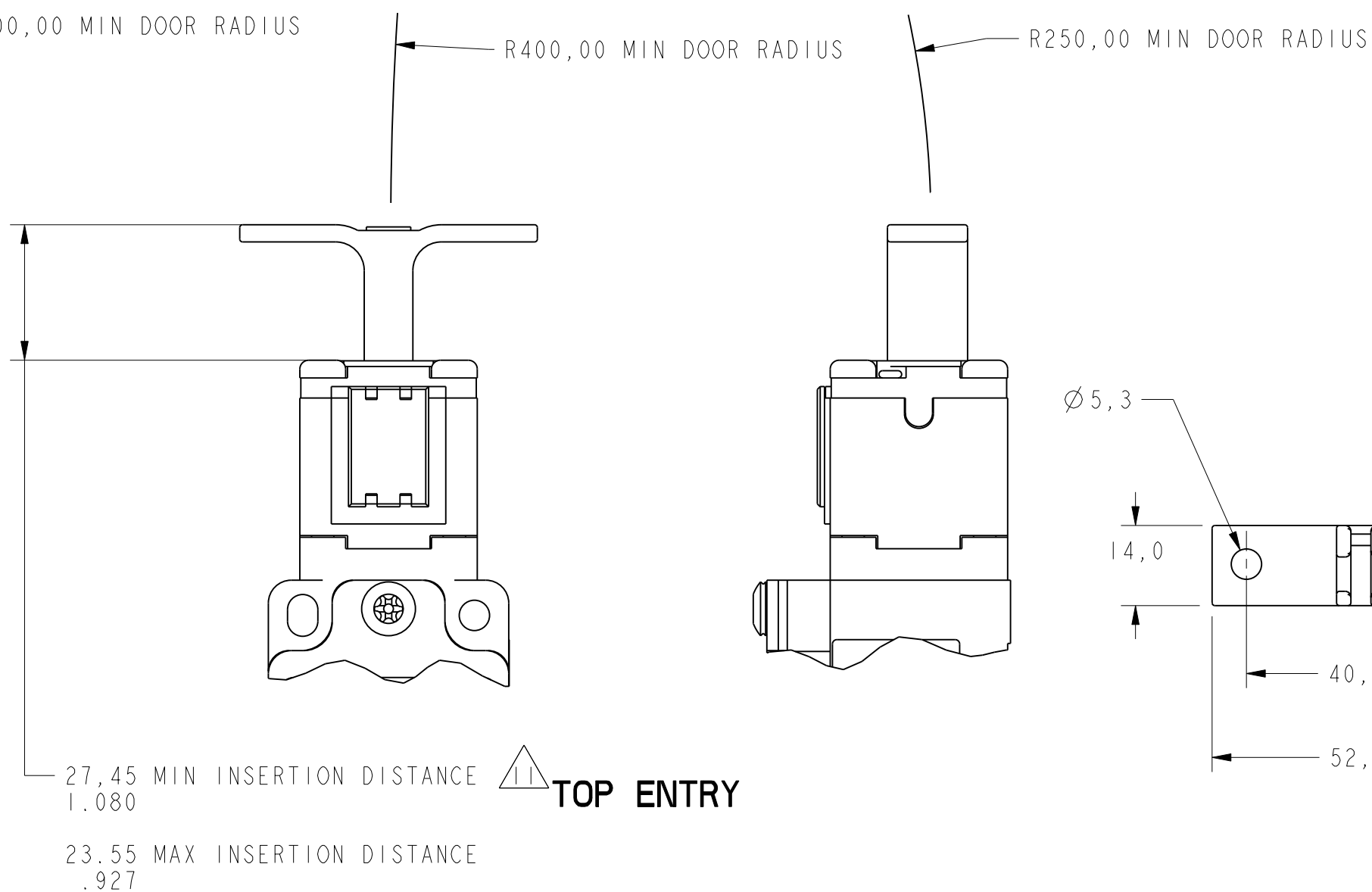
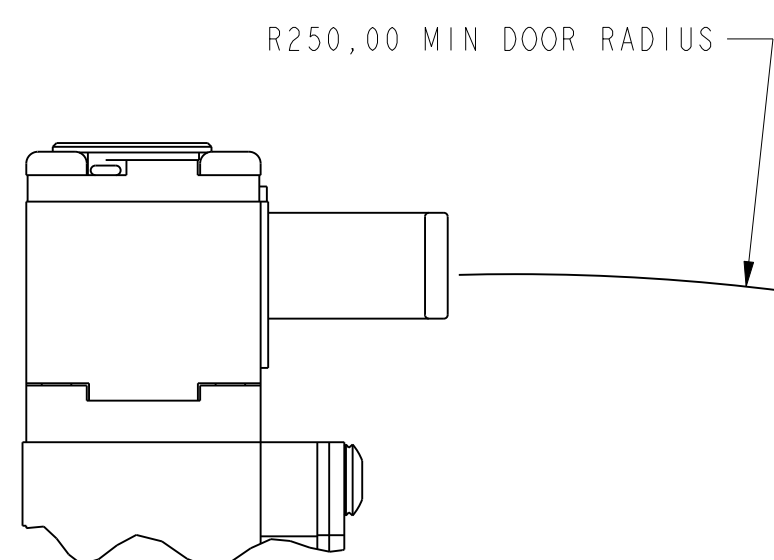
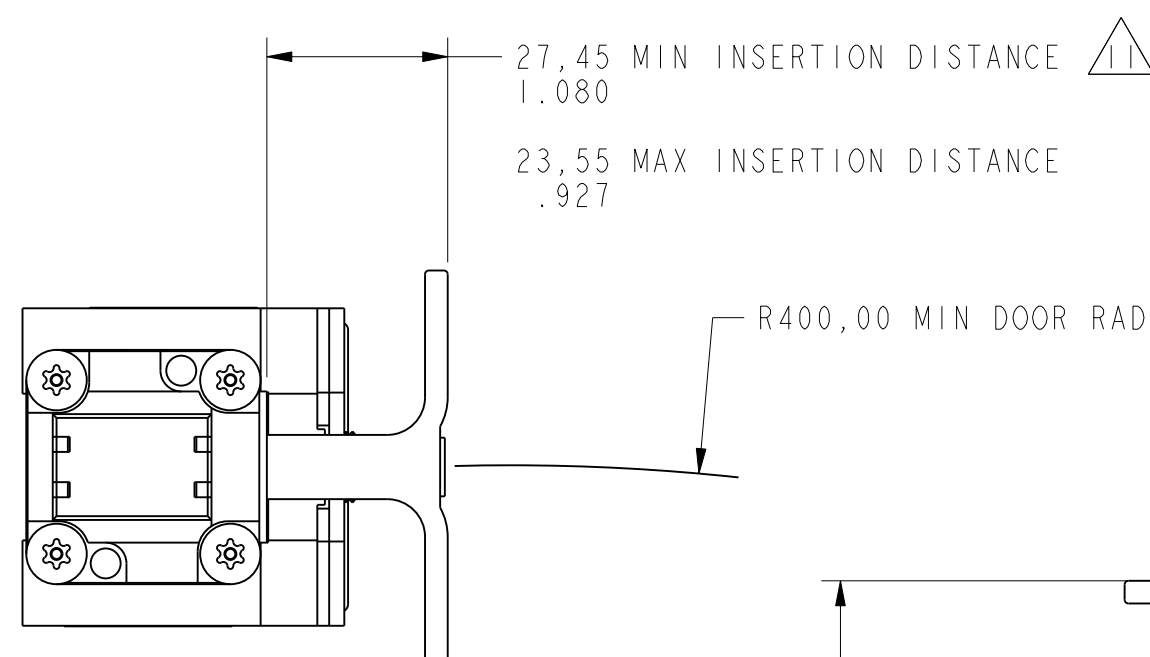
ANGLES

±

WEIGHT APPROX .5 HG / 1 LB



KEY CODE 6



FRONT ENTRY

KEY CODE 7

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MICRO SWITCH
a Honeywell Division

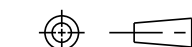
FED MEG CODE 91929

SWITCH - LIMIT

CATALOG LISTING

GK SERIES CHART 3

THIRD ANGLE PROJECTION



SCALE FULL

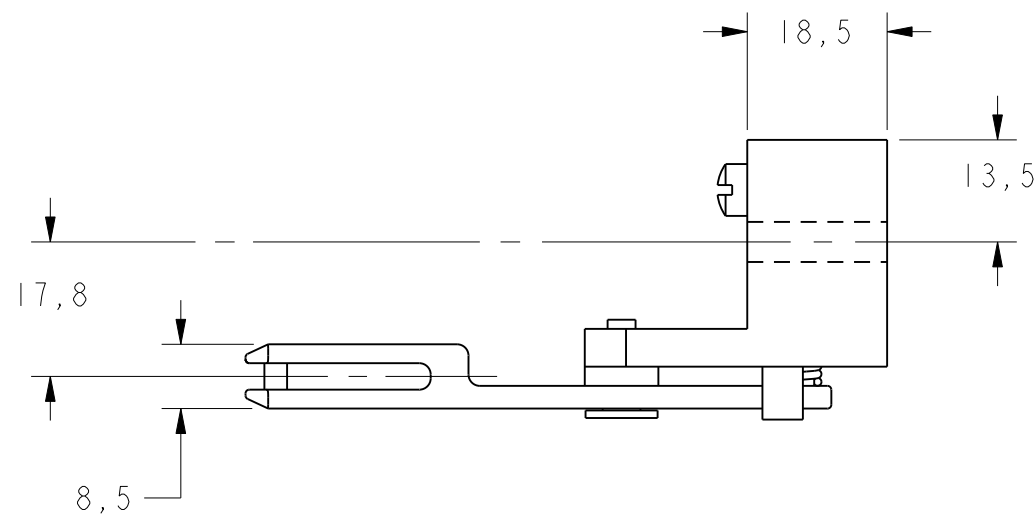
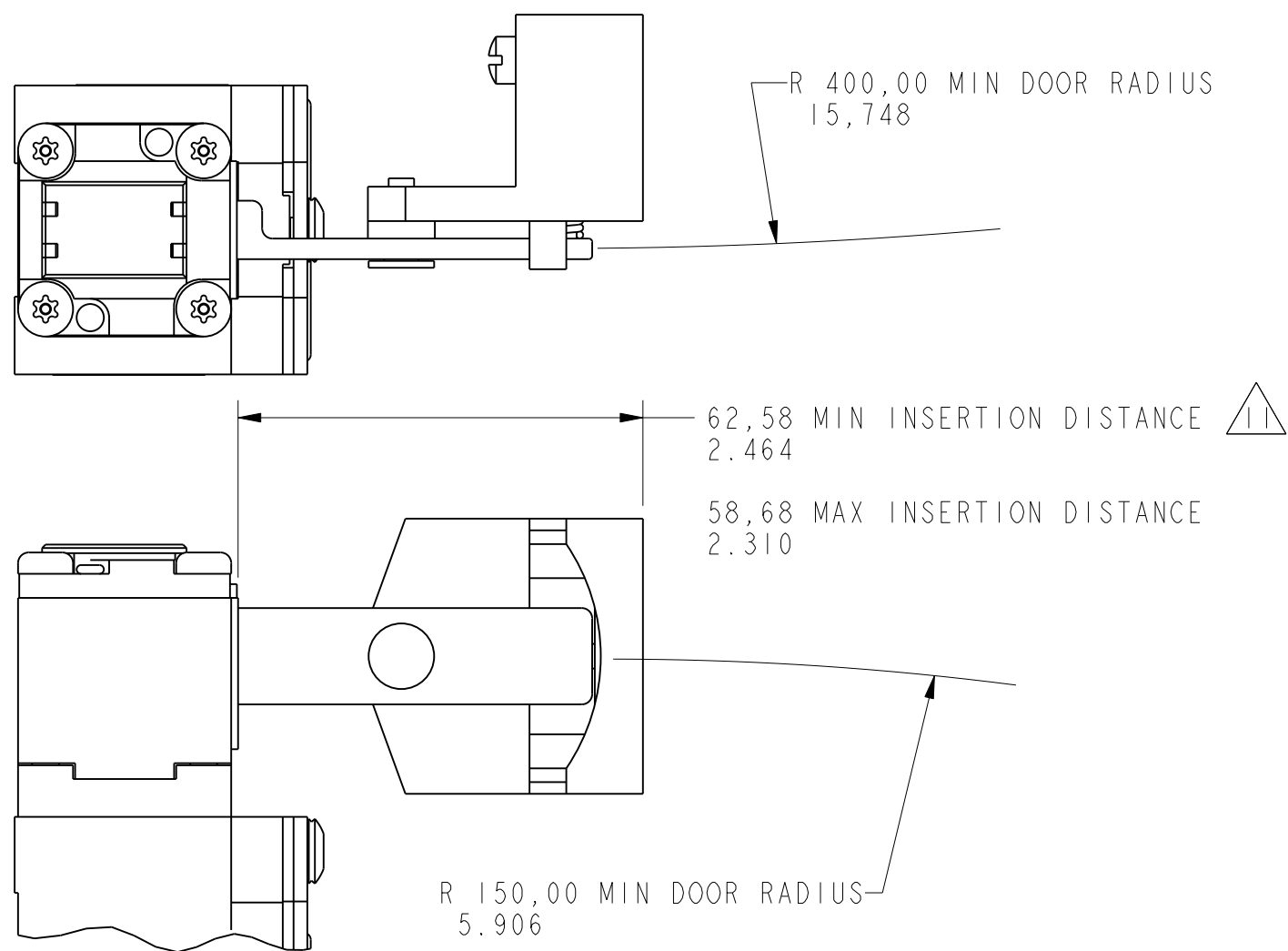
DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

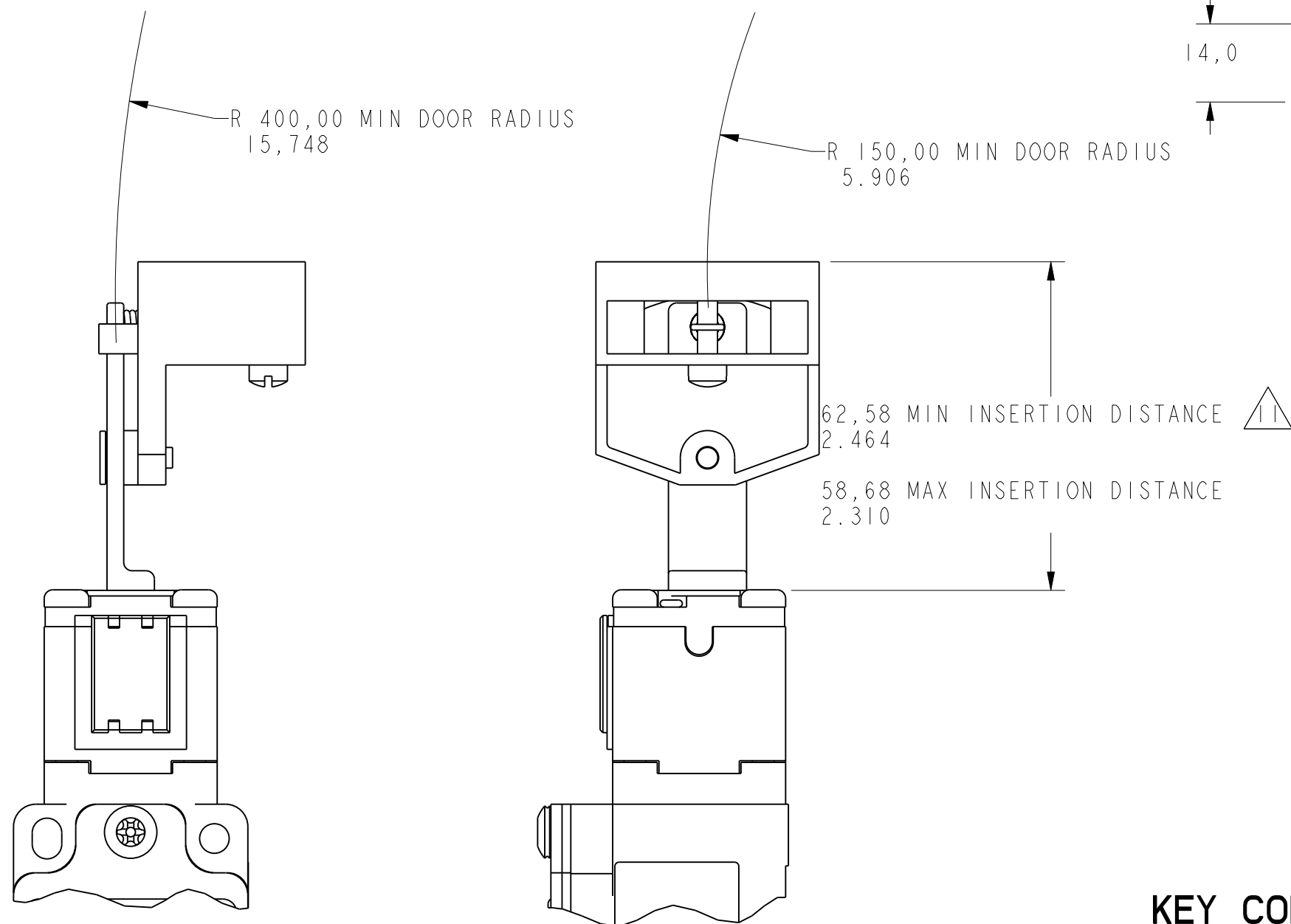
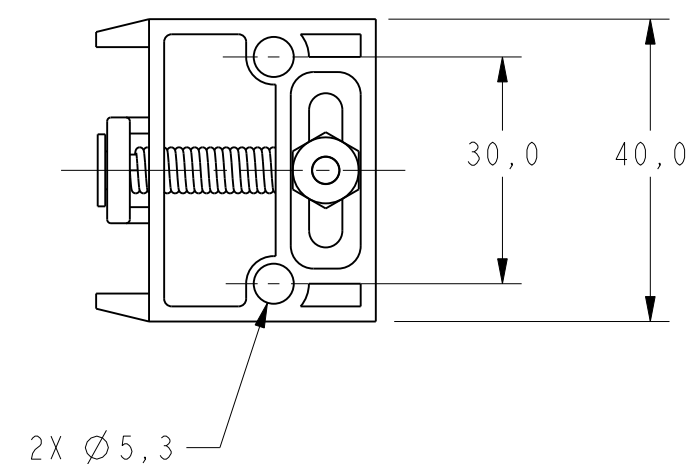
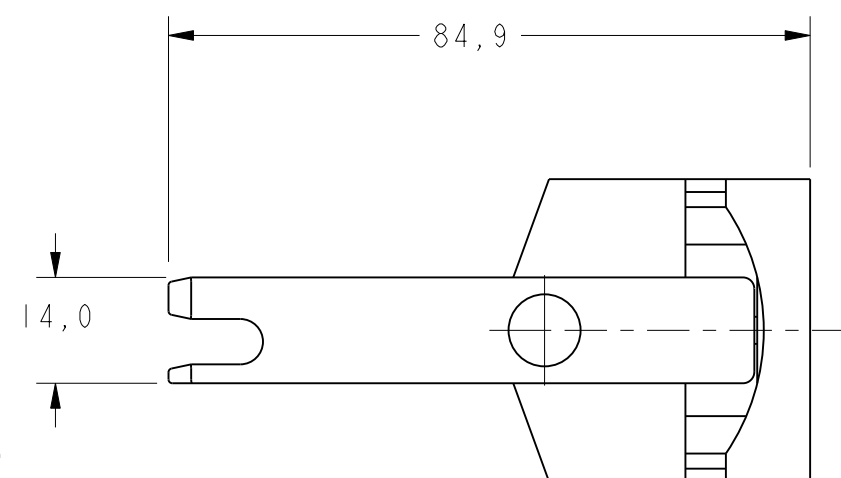
ONE PLACE	(.0)	$\pm .030$
TWO PLACES	(.01)	$\pm .015$

TWO PLACES	(.00)	$\pm .015$
THREE PLACES	(.000)	$\pm .005$

ANGLES	±
WEIGHT APPROX. 5 KG / 11 LB	



FRONT ENTRY



KEY CODE 8

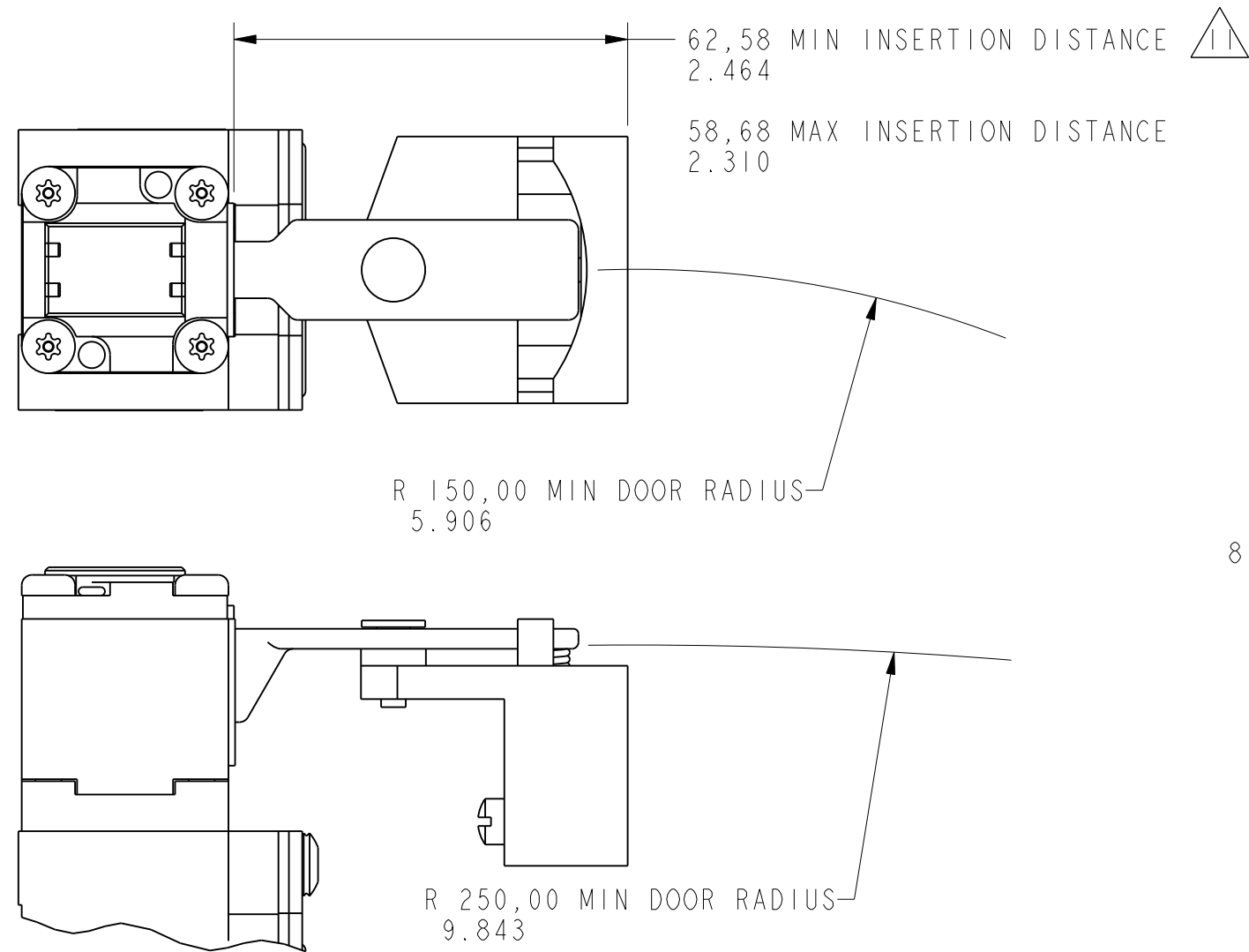
TOP ENTRY

ANSI Y14.5M-1982 APPLIES

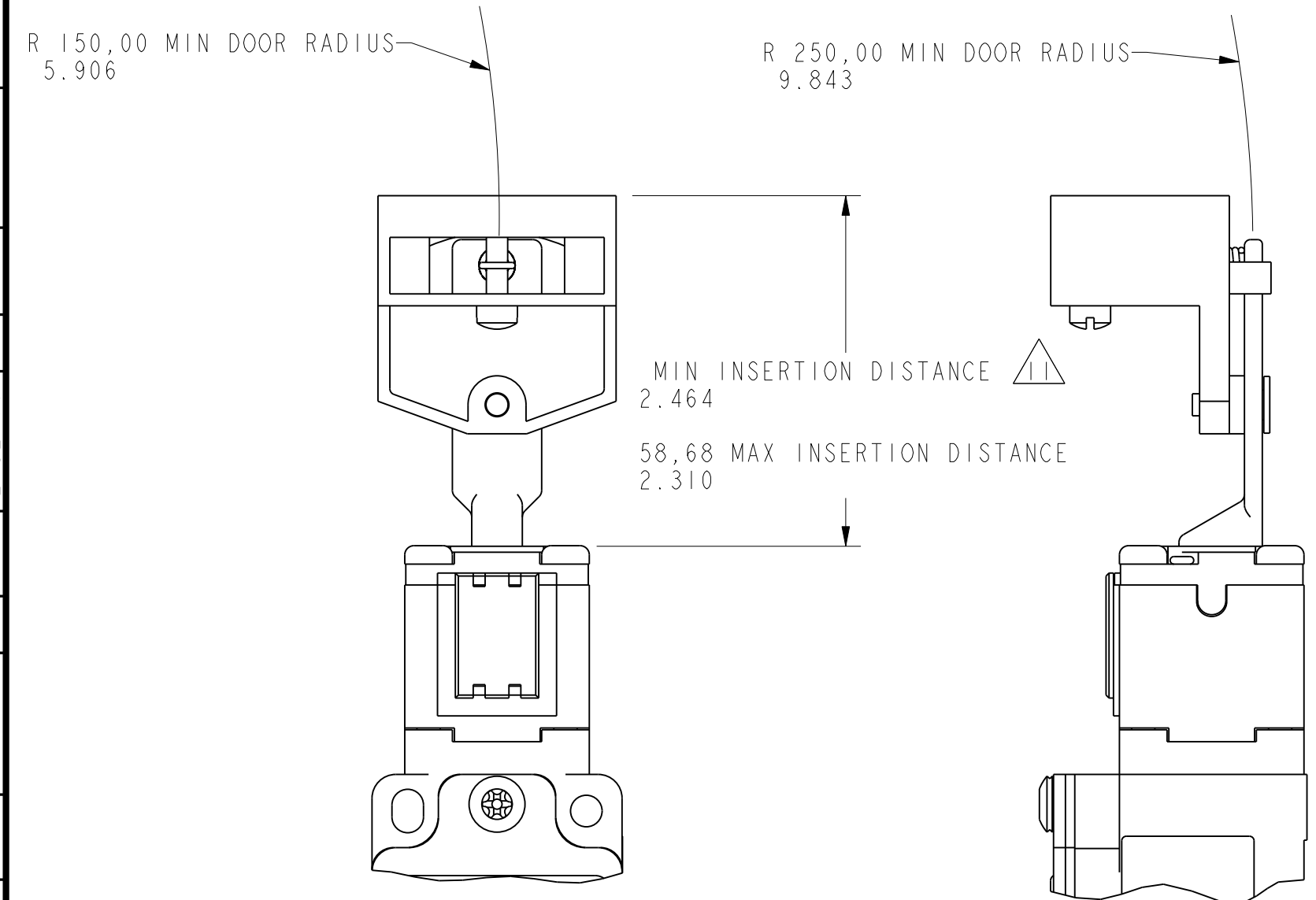
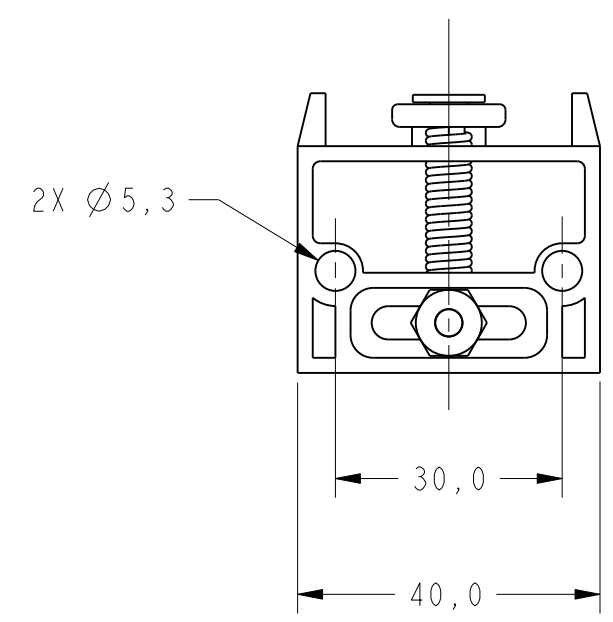
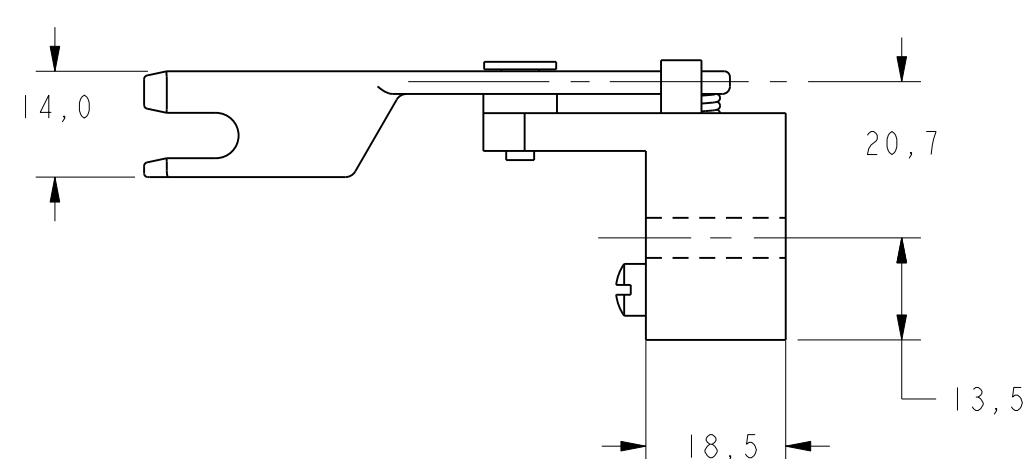
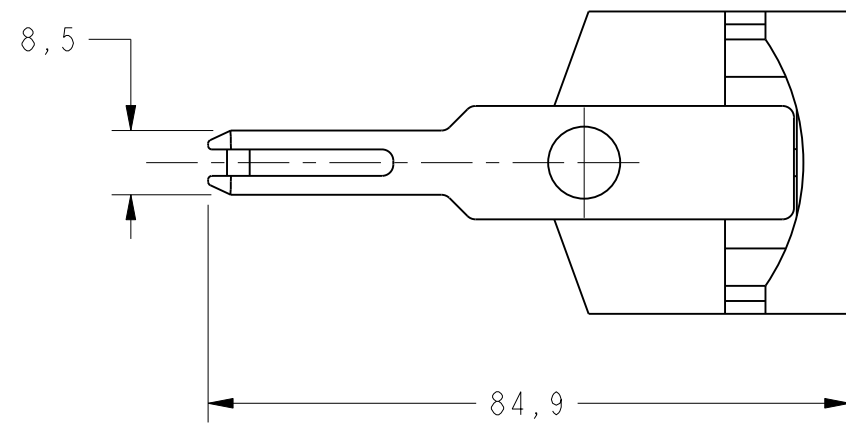
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MICRO SWITCH a Honeywell Division	SWITCH - LIMIT	CATALOG LISTING GK SERIES CHART 3
FED. MFG. CODE 91929		WEIGHT APPROX .5 KG / 1 LB

THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(.0)	±	.030
TWO PLACES	(.00)	±	.015
THREE PLACES	(.000)	±	.005
ANGLES		±	
WEIGHT APPROX .5 KG / 1 LB			

PTC/CAD 3D		DRAWN		MAM		1 SEP 98		CHECK		JAF		12MAY99		CHECK		DVM		21SEP06		CHECK		RS		07JAN09		RELEASE NO. PR-23758		PAGE 5 OF 8		GK SERIES CHART 3	
30		30		30		30		30		30		30		30		30		30		30		30		30		30		30		30	
A		B		C		D		E		F		G		H		I		J		K		L		M		N		O		P	
TSM		JLH		JLH		GLH		TSM		TSM		GLH		BNA		TSM		LX		LX		LX		LX		LX		LX		LX	
9SEP02		13SEP02		27NOV02		4DEC02		15JAN03		27OCT06		2JUN03		0025008		21SEP06		07JAN09		07JAN09		07JAN09		07JAN09		07JAN09		07JAN09		07JAN09	



FRONT ENTRY



TOP ENTRY

KEY CODE 9

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MICRO SWITCH a Honeywell Division	SWITCH - LIMIT	CATALOG LISTING
		GK SERIES CHART 3
FED. MFG. CODE 91929		

THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(.0)	±	.030
TWO PLACES	(.00)	±	.015
THREE PLACES	(.000)	±	.005
ANGLES		±	
WEIGHT APPROX .5 KG / 1 LB			

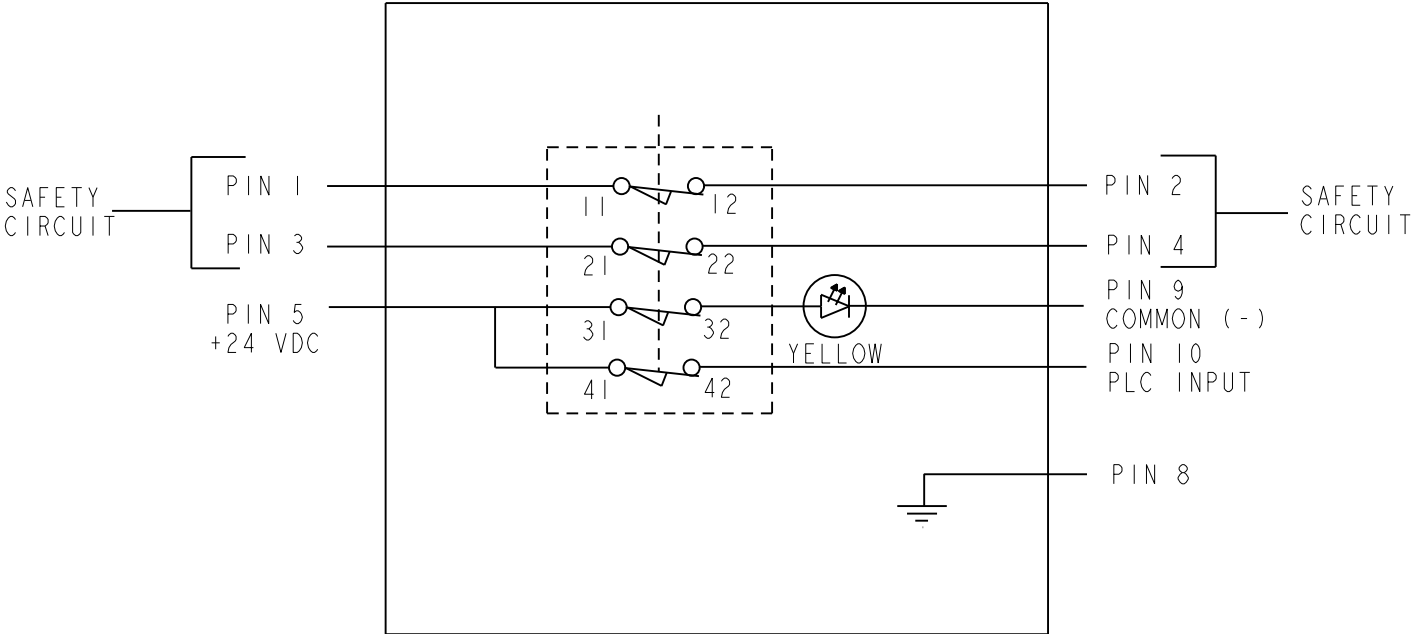
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ISSUE		30		DRAWING NUMBER																											
REVISIONS																															
A		206394		TSM		9 SEP 02																									
B		206443		GLH		13 SEP 02																									
C		206976		GLH		27 NOV 02																									
D		207003		GLH		40 DEC 02																									
E		207211		TSM		15 JAN 03																									
F		207576		TSM		5 MAR 03																									
G		0000385		GLH		2 JUN 03																									
H		0025008		DVA		21 SEP 06																									
J		0047425		LX		07 JAN 09																									

CATALOG LISTING
GK SERIES CHART 3
PAGE 7 OF 8
REPLACES
07 JAN 09
RELEASE NO. PR-23758
CHECK
21 SEP 06
DVM
11 NOV 99
JAF
CHECK
11 NOV 99
DRAWN
LJK
11 NOV 99
PTC/CAD
3D

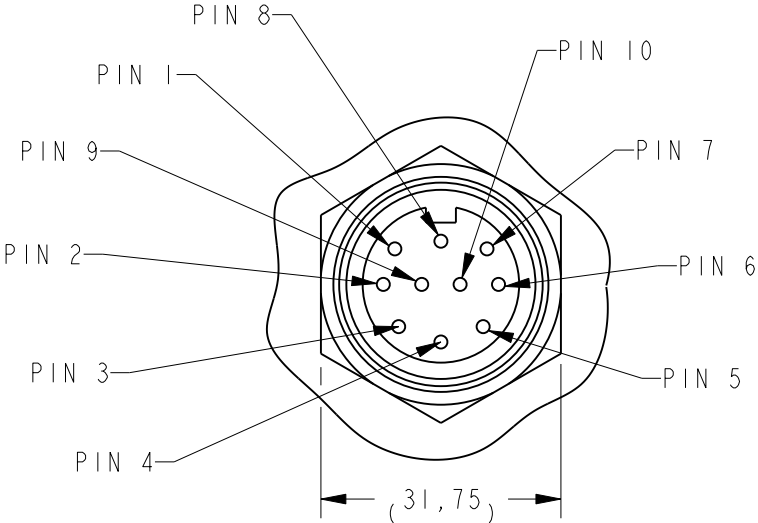
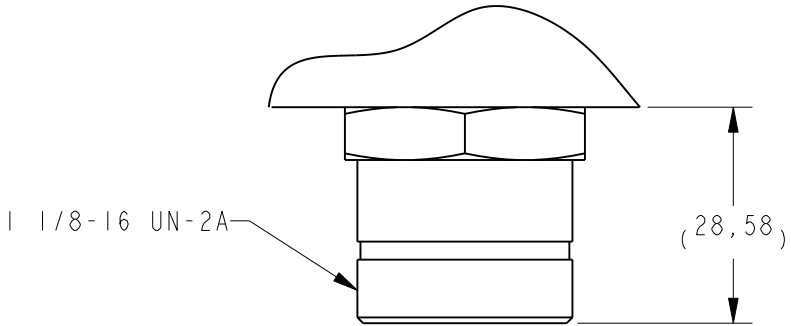
ISSUE
30
RS
CHECK
DVM
JAF
CHECK
11 NOV 99
DRAWN
LJK
11 NOV 99

REVISIONS
A 206394
TSM
09 SEP 02
B 206443
JLH
13 SEP 02
C 206976
JLH
27 NOV 02
D 207003
GLH
4 DEC 02
E 207211
TSM
15 JAN 03
F 207576
TSM
5 MAR 03
G 0000385
GLH
02 JUN 03
H 0025008
BNA
21 SEP 06
J 0047425
LJK
07 JAN 09

MODIFICATION CODE: F06



SWITCH DIAGRAM STATE SHOWN WITH KEY INSERTED



300V 2.5A
BRAD HARRISON PART NO. 47205-22
OR EQUIVALENT

THIRD ANGLE PROJECTION
SCALE NONE
DO NOT SCALE PRINT
TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM. mm	TOL mm/in	DIM. in	TOL mm/in
NO PLACES	X	1/.04	X.X	0.8/.03
ONE PLACE	X.X	0.4/.016	X.XX	0.38/.015
TWO PLACES	X.XX	0.15/.006	X.XXX	0.13/.005
THREE PLACES				
ANGLES				

SI METRIC
DESIGN UNITS [X] []
US CUSTOMARY

WEIGHT APPROX .5KG / 1LB

CATALOG LISTING
GK SERIES CHART 3
PAGE 8 OF 8

ISSUE
30

RS

07 JAN 09

REPLACES
PR-23758

REVISIONS

A	206394	TSM	9SEP02
B	206443	JLH	13SEP02
C	206976	JLH	27NOV02
D	207003	GLH	4DEC02
E	207211	TSM	15JAN03
F	207576	TSM	5MAR03
G	0000385	GLH	2JUN03
H	0025008	BNA	21SEP06
J	0047425	LK	07JAN09

PTC/CAD
3D

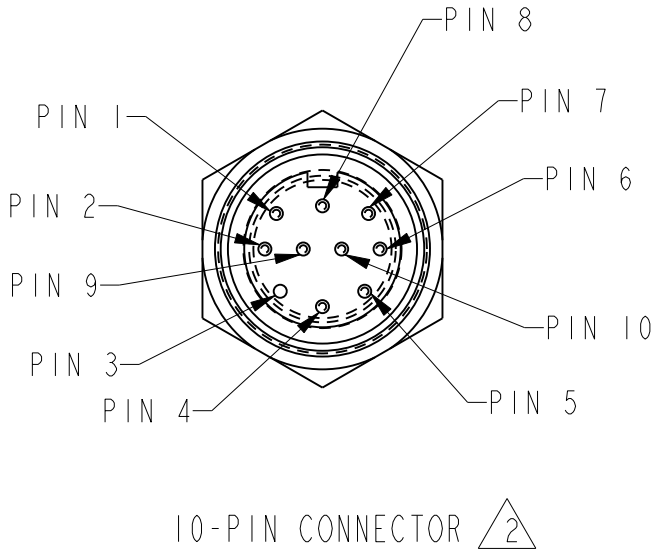
DRAWN

GRT

18 JAN 00

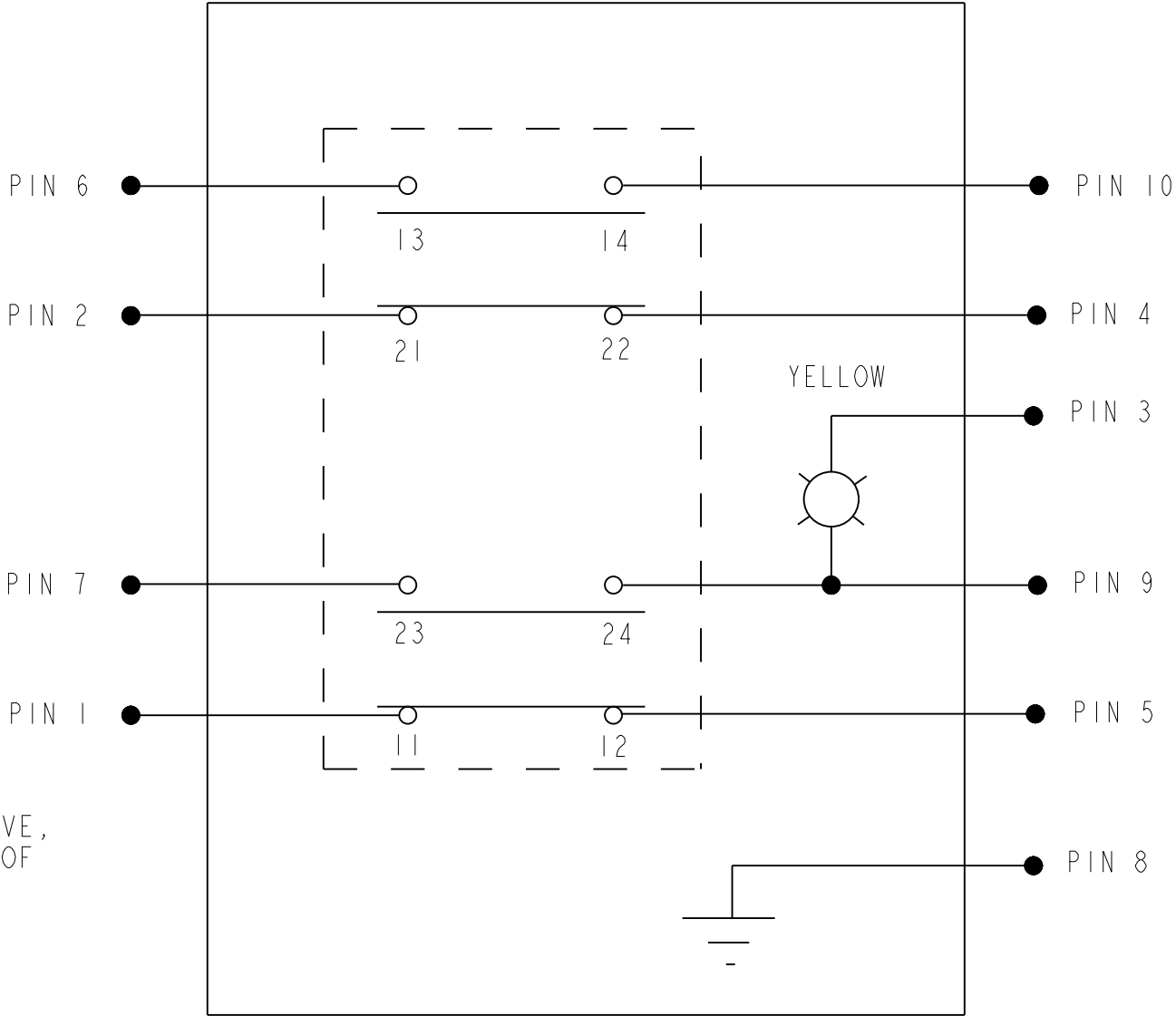
CHECK

MODIFICATION CODE: FW



NOTES

1 - THE TWO COVER SCREWS ARE COMBINATION DRIVE, THE FOUR HEAD SCREWS ARE T-15 TAMPER PROOF TORX DRIVE (DRIVER BIT IS PROVIDED) 10-PIN CONNECTOR, BRAD HARRISON PART NO. 47205-22 OR EQUIVALENT}



BASIC SWITCH TO 10-PIN CONNECTOR
CIRCUIT DIAGRAM
DIAGRAM SHOWN WITH KEY INSERTED

THIRD ANGLE PROJECTION

SCALE
NONE

DO NOT SCALE PRINT

TOLERANCES

APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM.	TOL.	DIM.	TOL.
	mm	mm/in	in	mm/in
NO PLACES	X	1/.04	X.X	0.8/.03
ONE PLACE	X.X	0.4/.016	X.XX	0.38/.015
TWO PLACES	X.XX	0.15/.006	X.XXX	0.13/.005
THREE PLACES				
ANGLES				

SI METRIC
DESIGN UNITS ☒

US CUSTOMARY
DESIGN UNITS ☐

WEIGHT
0,4 KG / 1LB