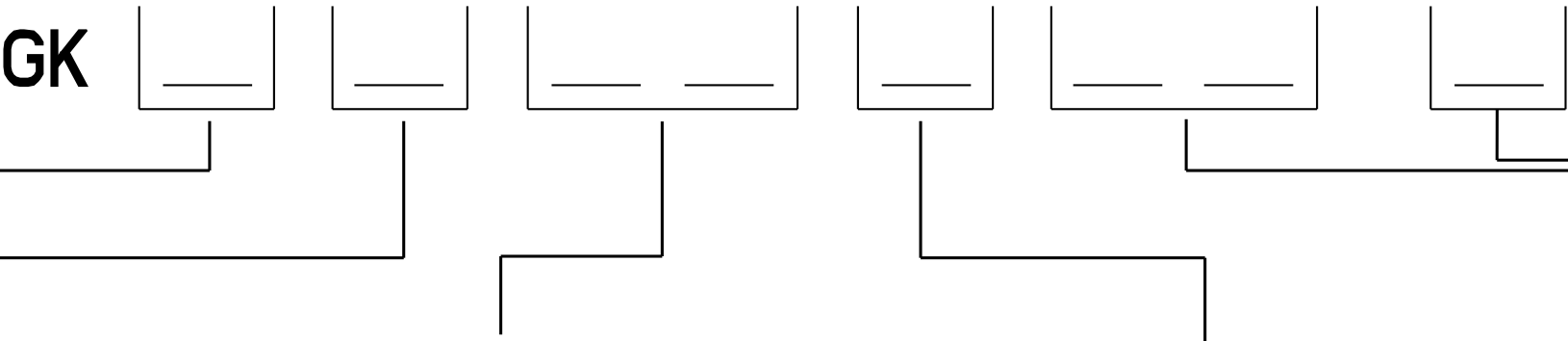


DUAL ENTRY KEY OPERATED SAFETY INTERLOCK NOMENCLATURE



BODY / INDICATOR		CONDUIT		BASIC 		HEAD		KEY		MODIFICATION CODE 
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	F06
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	FW
		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 (Vmin) = 10 mm/S
.39 in/S
MAXIMUM OPERATING VELOCITY (Vmax) = 1 M/S
39.4 in/S
- 3 - 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
-  THE MAXIMUM VOLTAGE, Ve 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
-  SEE BASIC SWITCH COLUMN FOR VOLTAGE RATING
-  T-15 TAMPER PROOF TORX DRIVER BIT PROVIDED
-  SWITCH MUST OPERATE BEFORE REACHING MINIMUM INSERTION DISTANCE
- FOR CONNECTOR AND CIRCUIT DETAILS OF MODIFICATION CODE, REFER PAGE 7 FOR CODE F06, PAGE 8 FOR CODE FW

ELECTRICAL RATING 				ENVIRONMENTAL	APPROVALS
AC		DC		IP 67 NEMA 1, 4, 12 & 13	  IEC 947-5-1 EN50041
A300/A600 Ue 	AC15 Ie	Q300 Ue	DC13 Ie	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					

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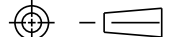
MICRO SWITCH
a Honeywell Division

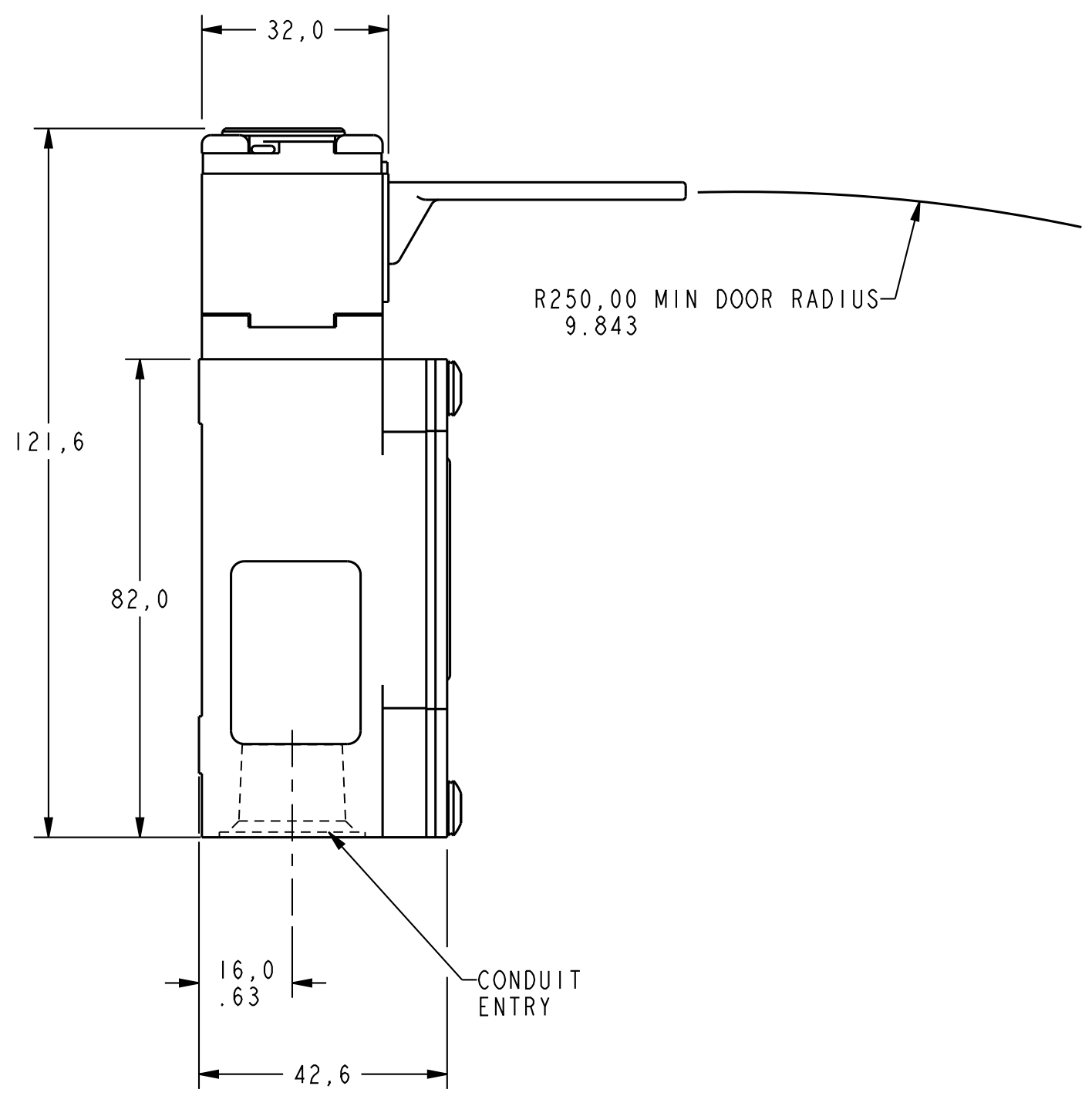
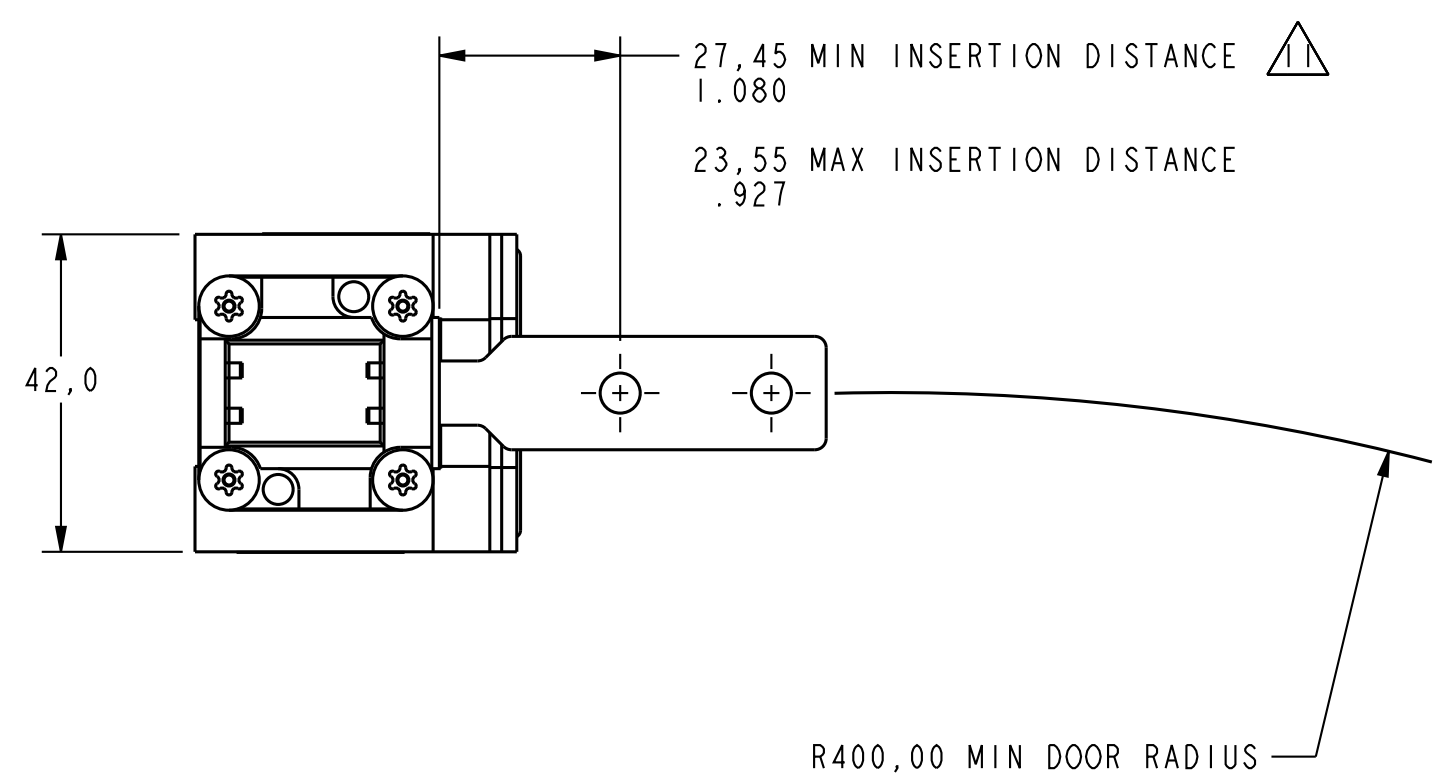
FED. MFG. CODE 91929

SWITCH - LIMIT

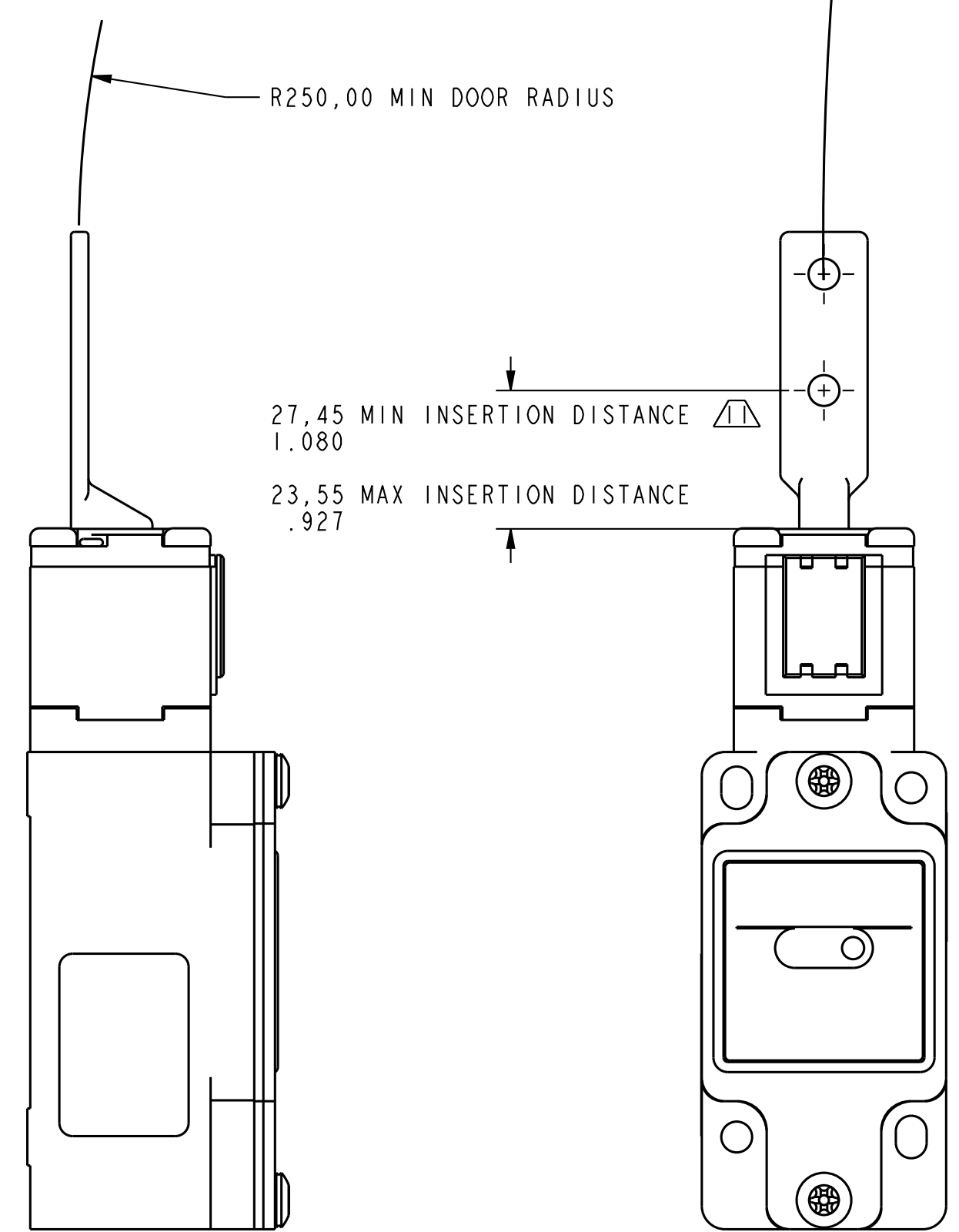
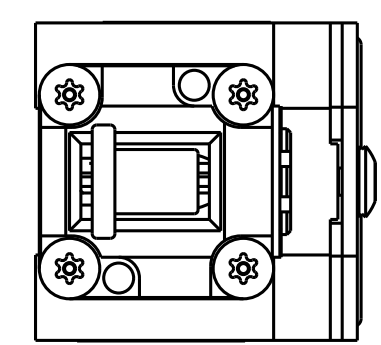
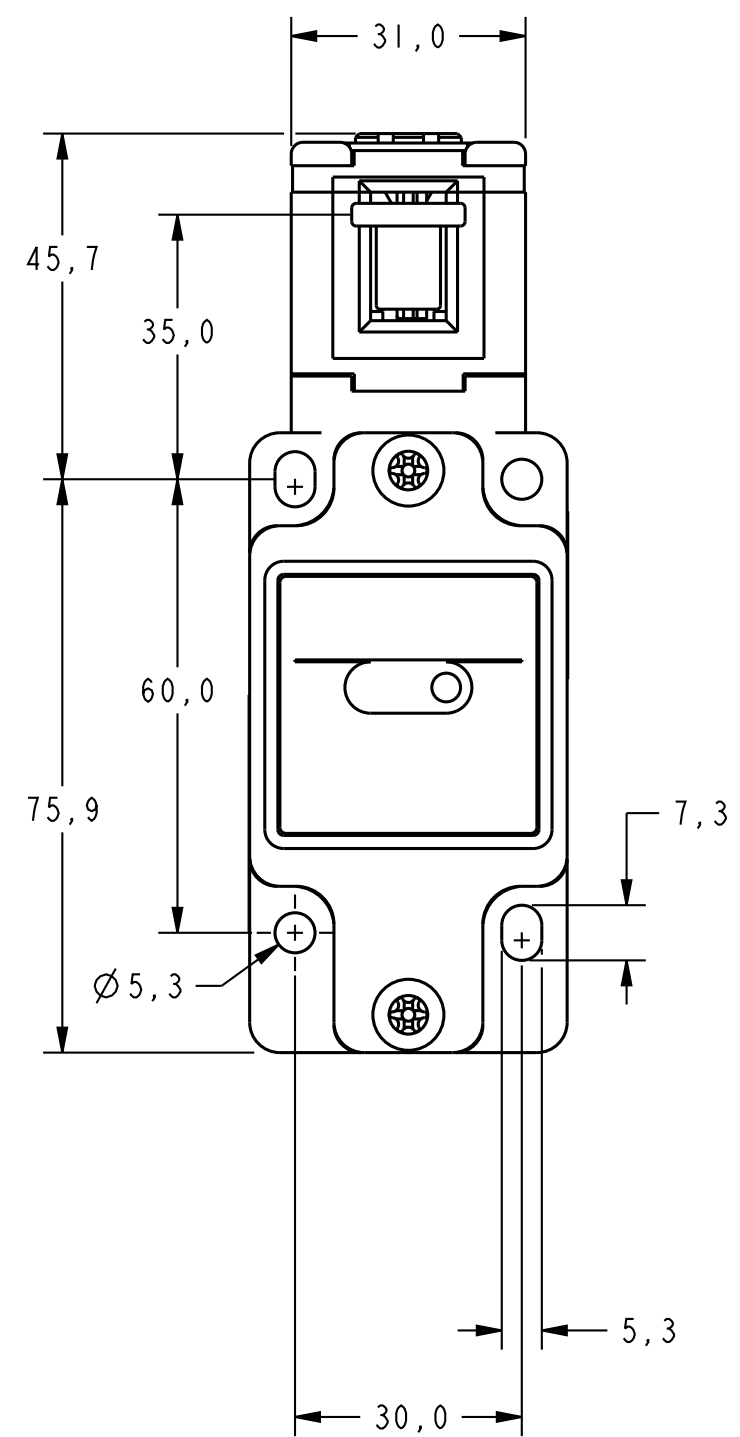
CATALOG LISTING

GK SERIES CHART 3

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	



FRONT ENTRY



TOP ENTRY

PTC/CAD 30
DRAWN
MAM 28 AUG 98
CHECK
JAF
J0047425
J0025008
H0025008
G0000385
F0000385
E0000385
D0000385
C0000385
B0000385
A0000385
REPLACES
RELEASE NO. PR-23758
PAGE 2 OF 8
GK SERIES CHART 3
ISSUE 32
DRAWING NUMBER
CMH 10NOV11
CHECK
DVM 21SEP06
REVISIONS
L 0083578
M 10NOV11
B 206443
C 206976
D 207003
E 207211
F 207576
G 0000385
H 0025008
I 0047425
J 0025008
K 0065737
L 0083578
M 10NOV11
N 206443
O 206976
P 207003
Q 207211
R 207576
S 0000385
T 0025008
U 0047425
V 0025008
W 0047425
X 0025008
Y 0047425
Z 0025008

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MICRO SWITCH
a Honeywell Division

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 30

DRAWN

MAM

31

AUG 98

CHECK

32

DRAWING NUMBER

CMH

10NOV11

RELEASE NO. PR-23758

REPLACES

3

OF 8

3

OF 8

3

OF 8

REVISIONS

L

0083578

MB

10NOV11

B

206443

JL

13SEP02

C

206976

JL

27NOV02

D

207003

GL

4DEC02

E

207211

TS

15JAN03

F

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5MAR03

G

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GL

2JUN03

H

0025008

BN

21SEP06

J

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LK

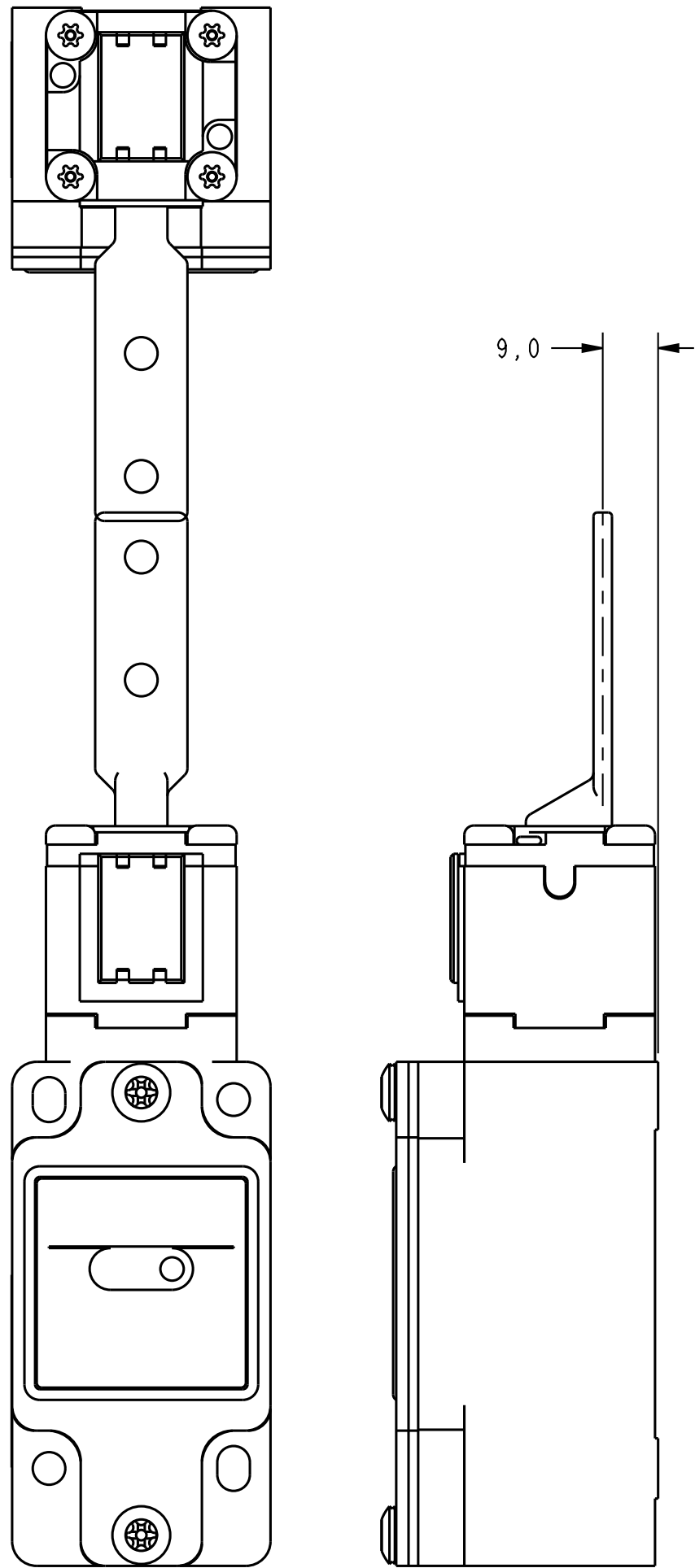
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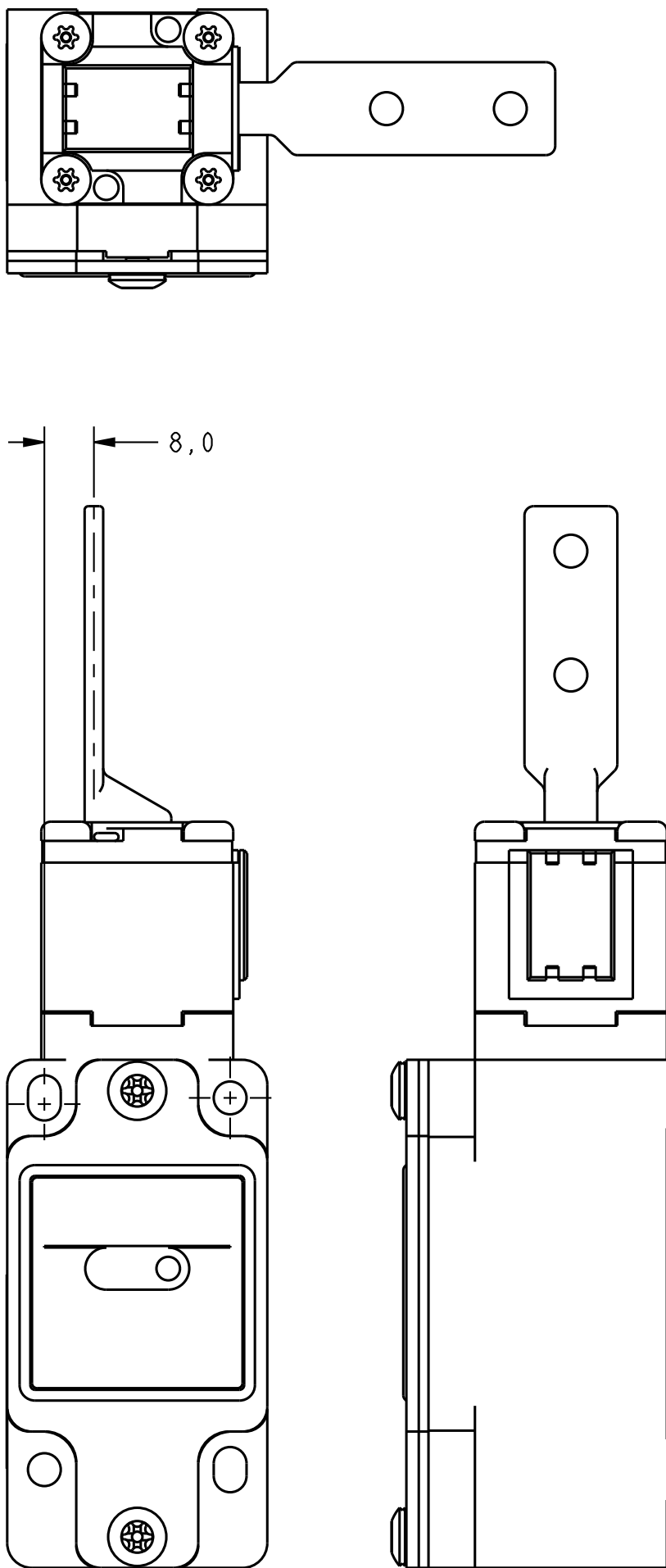
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PR

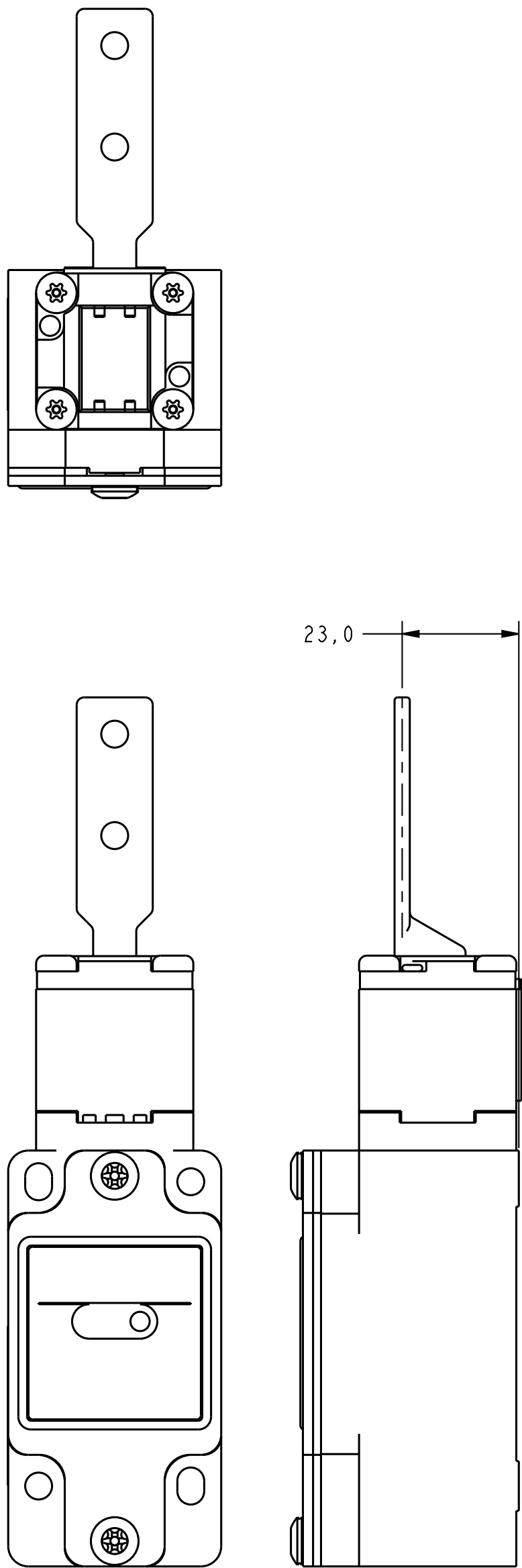
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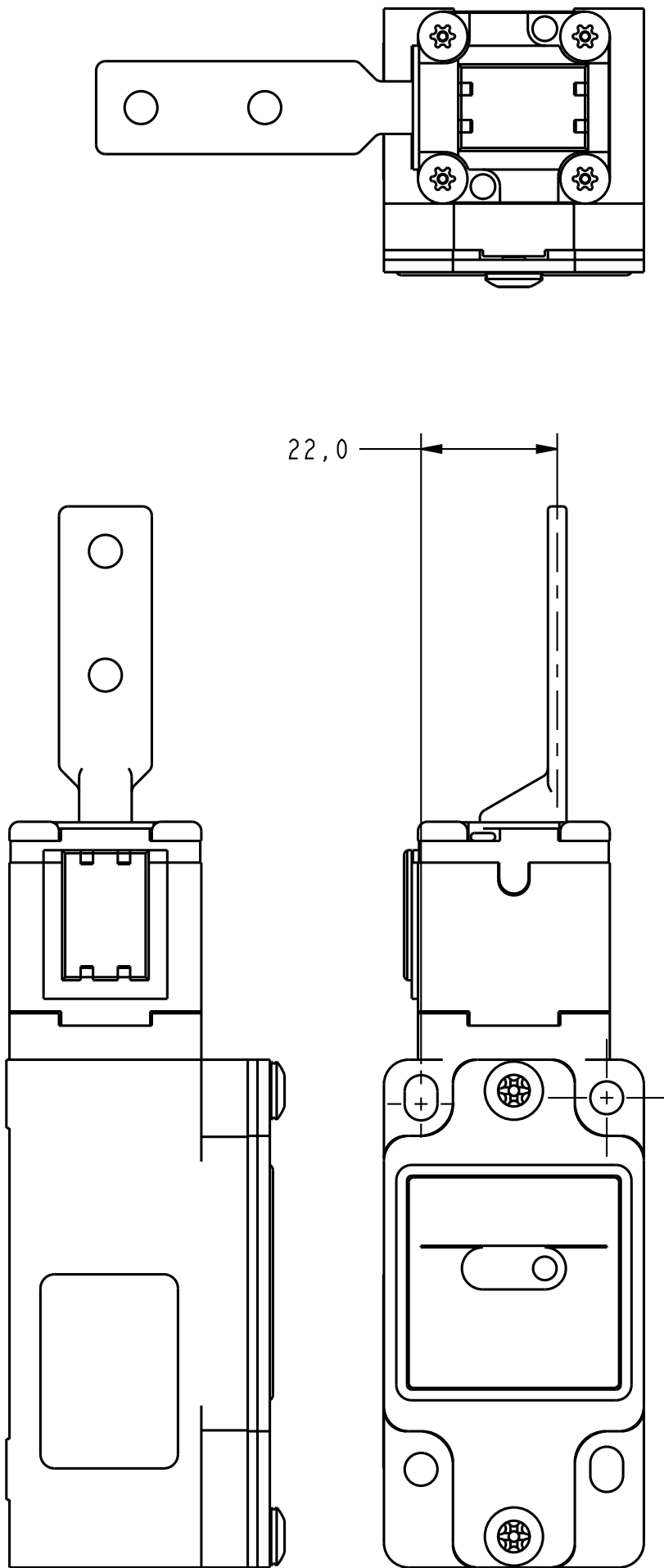
HEAD CODE L



HEAD CODE M



HEAD CODE N



HEAD CODE P

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MICRO SWITCH

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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

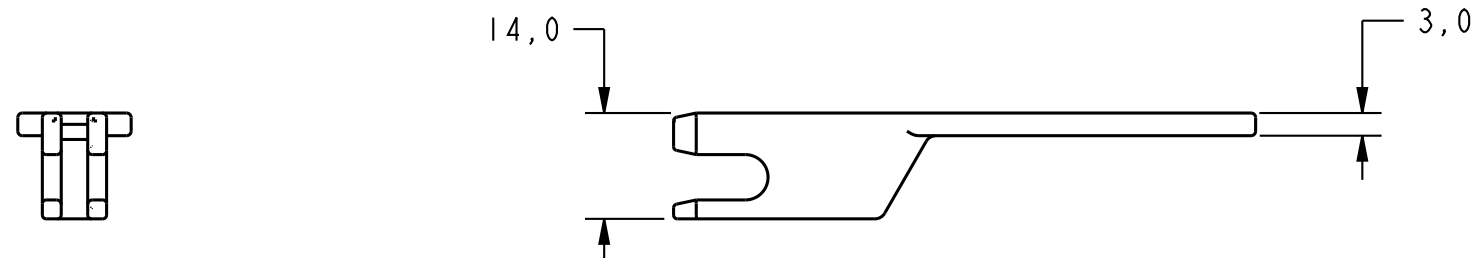
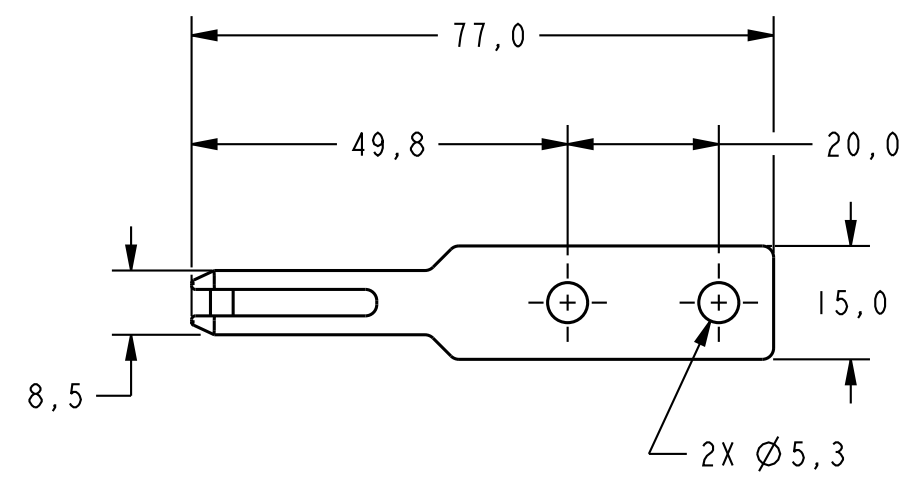
ONE PLACE (.0) ± .030

TWO PLACES (.00) ± .015

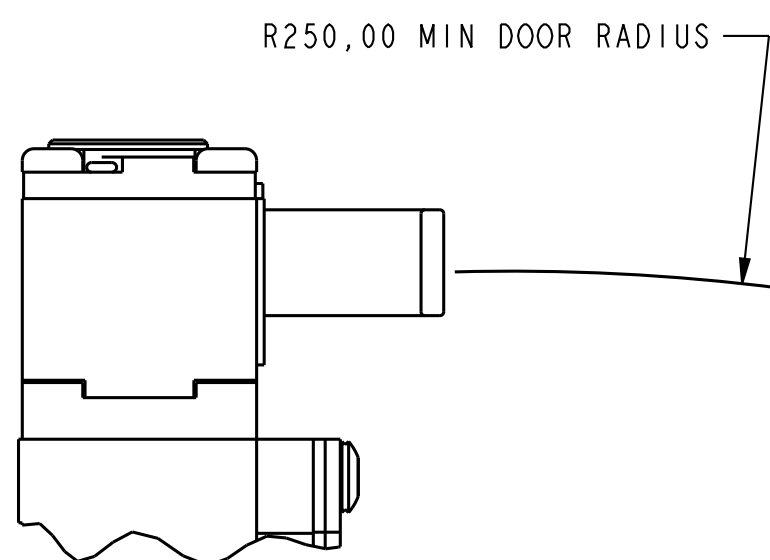
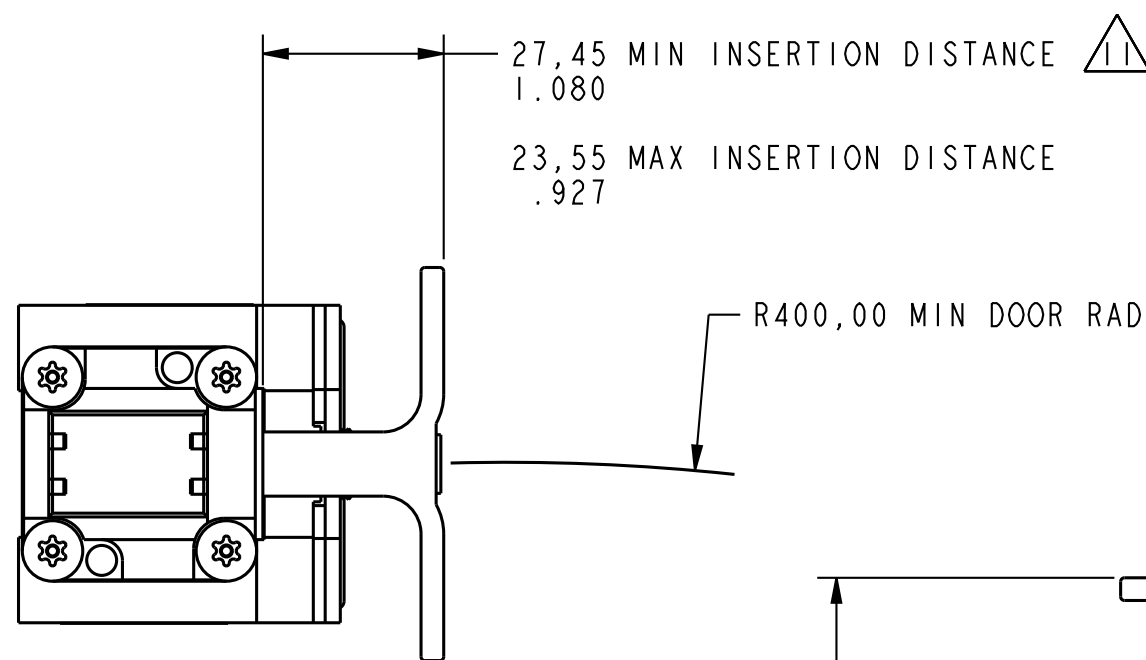
THREE PLACES (.000) ± .005

ANGLES ±

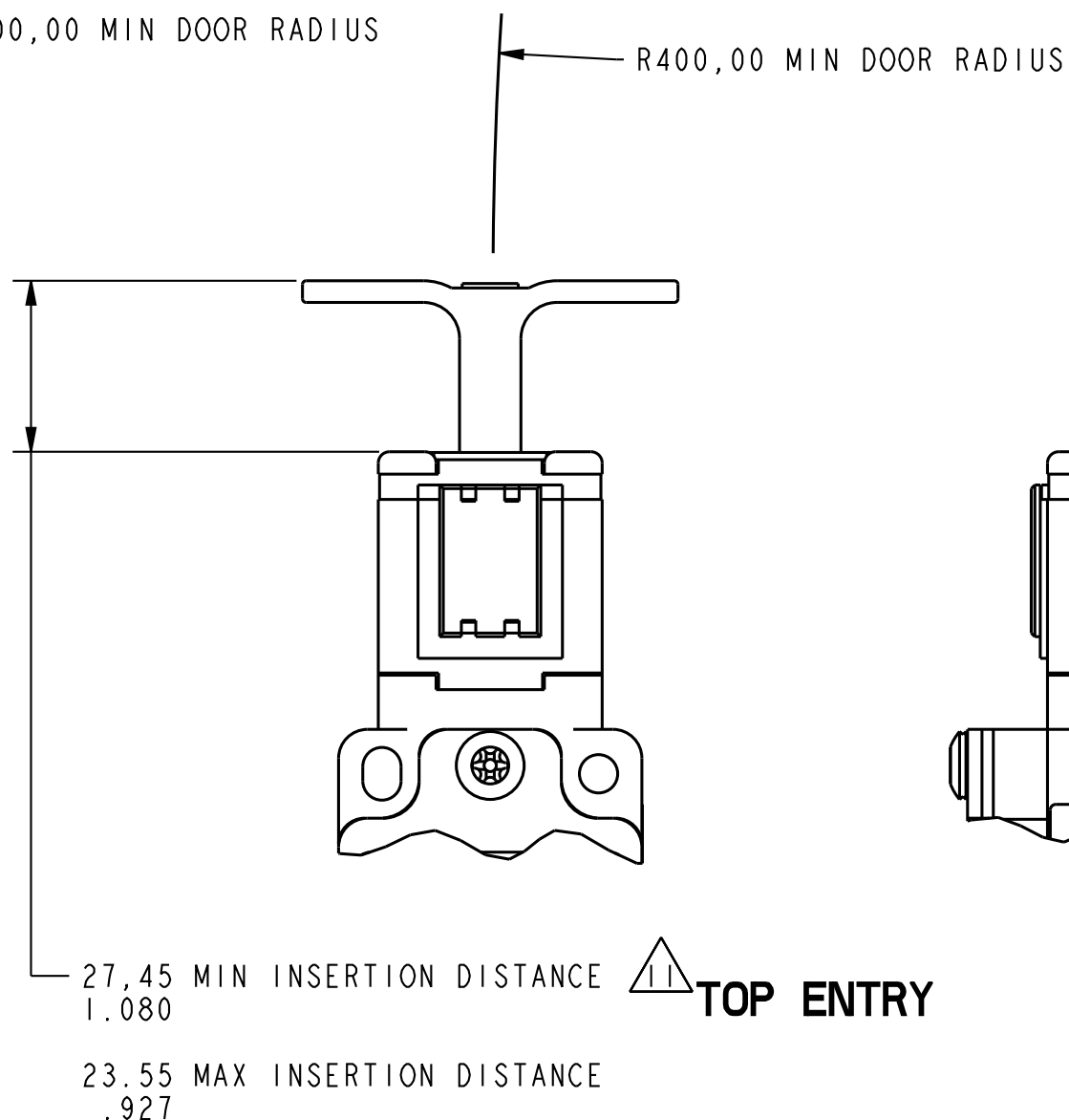
WEIGHT APPROX .5 HG / 1 LB



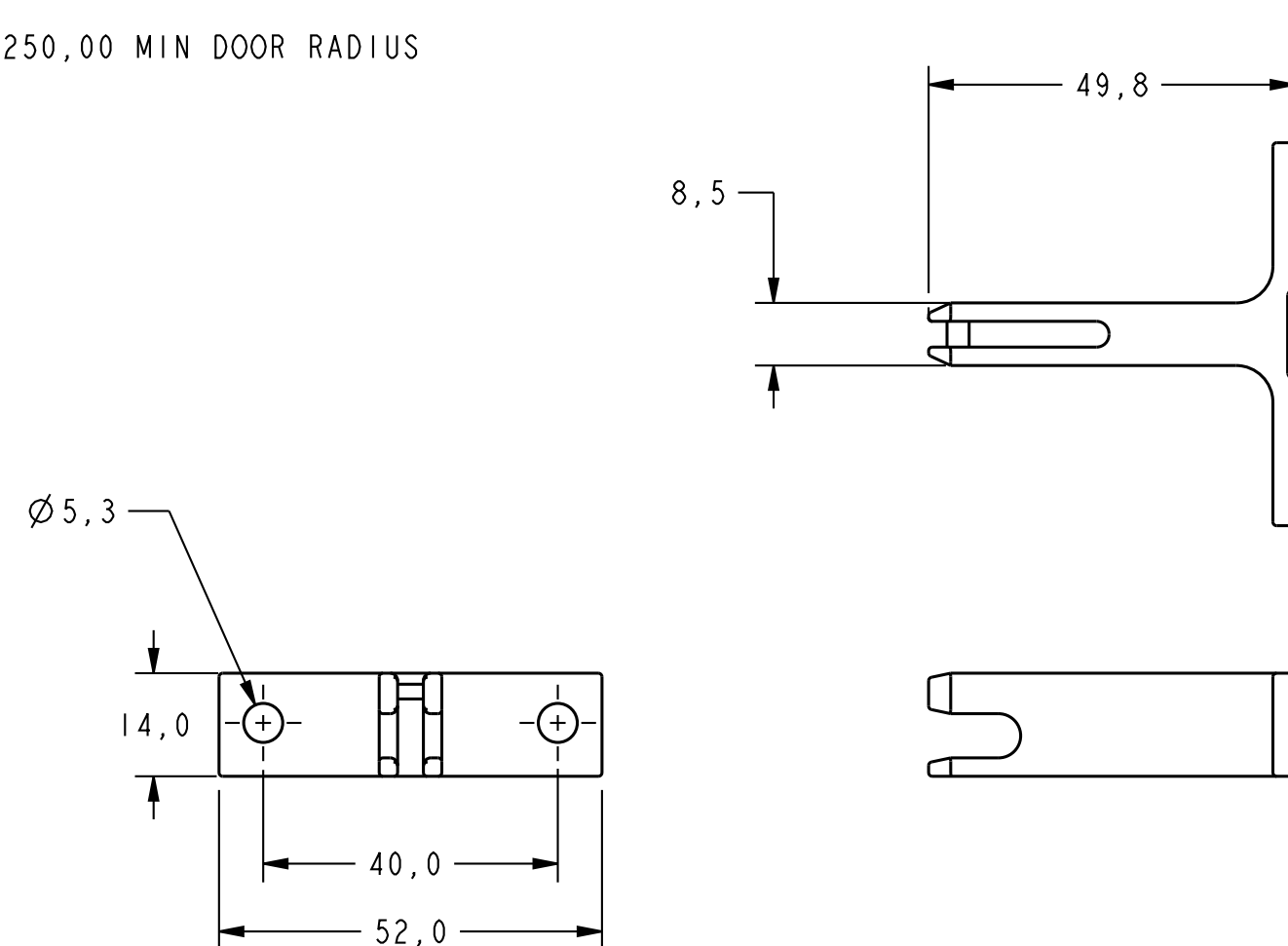
KEY CODE 6



FRONT ENTRY



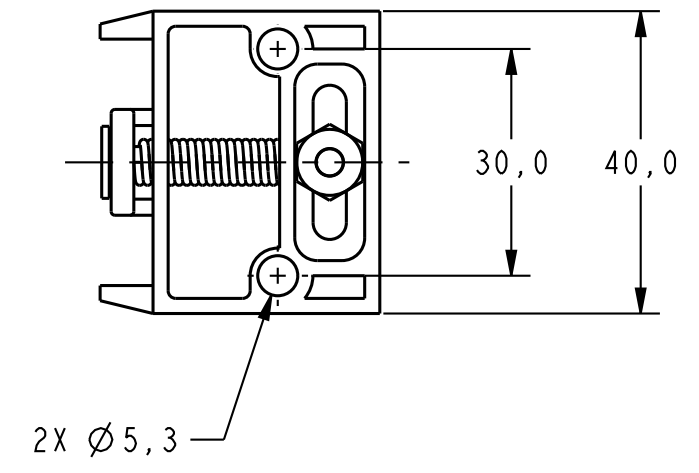
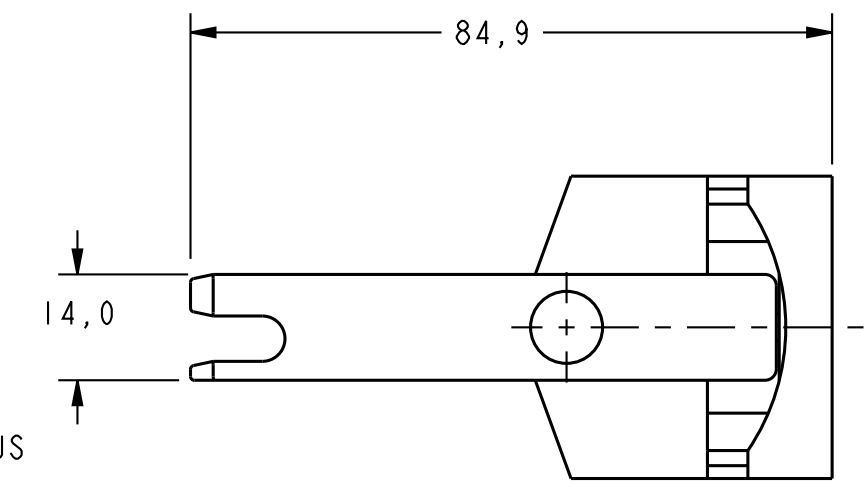
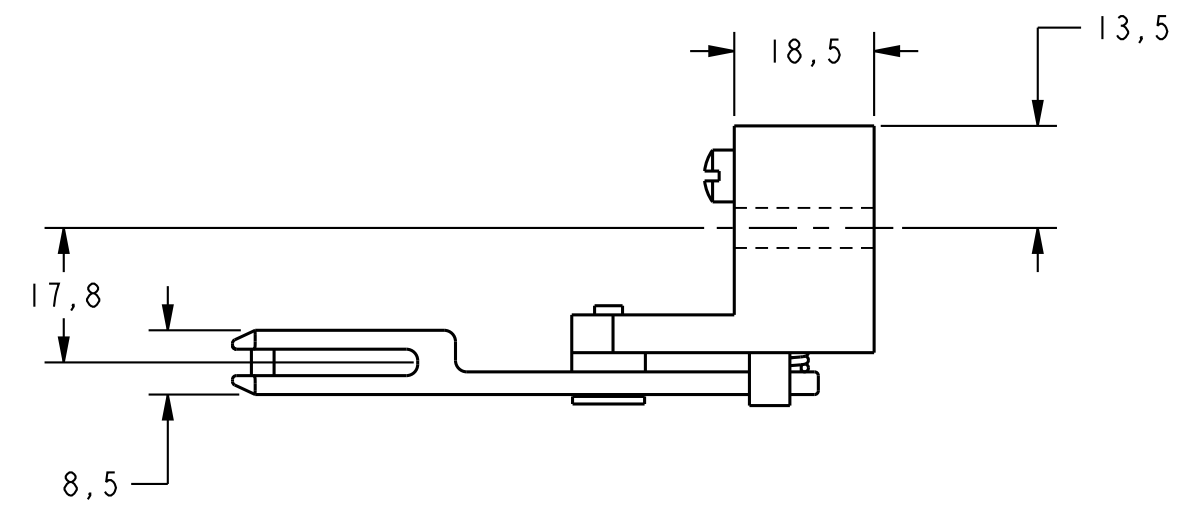
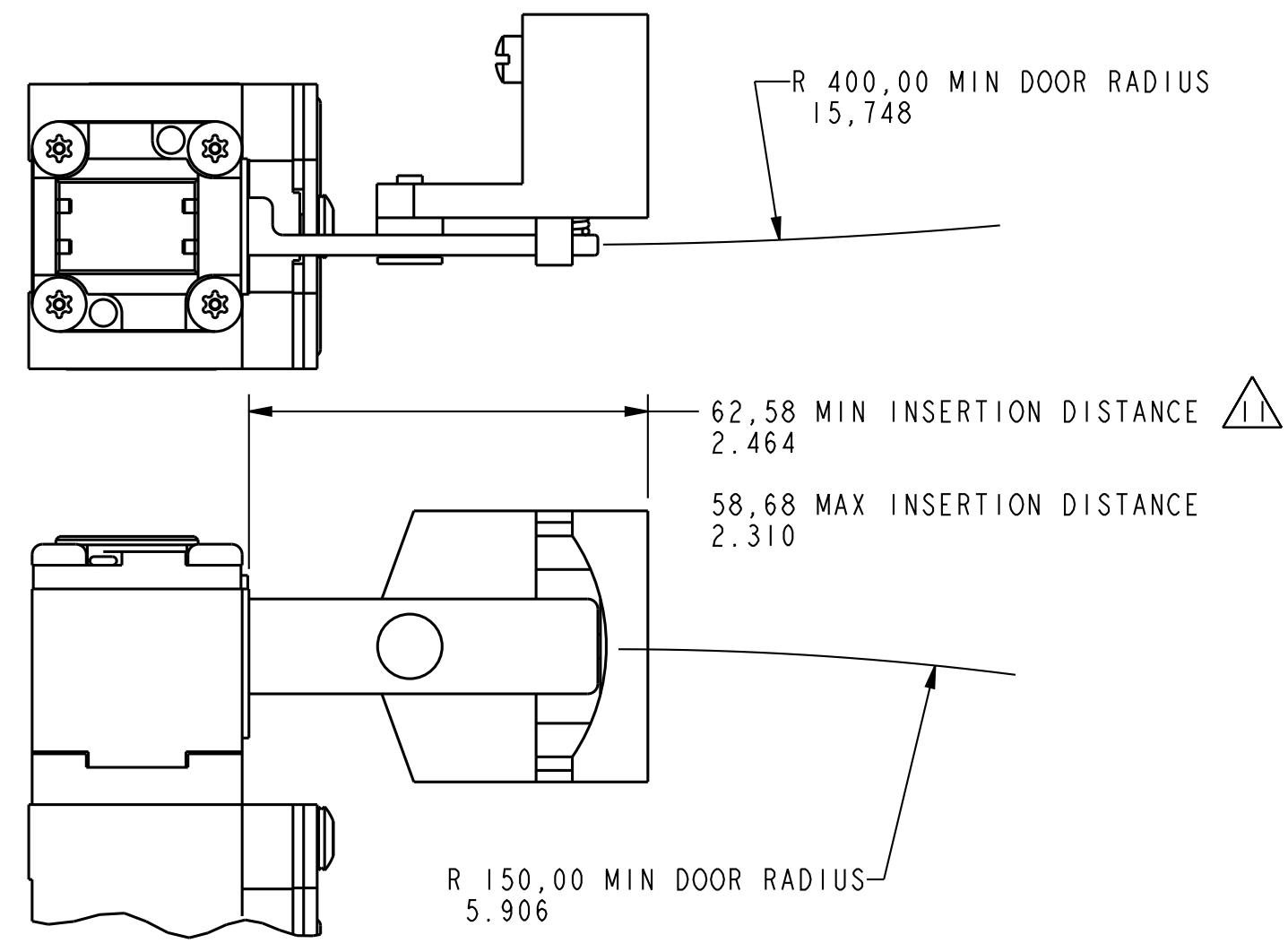
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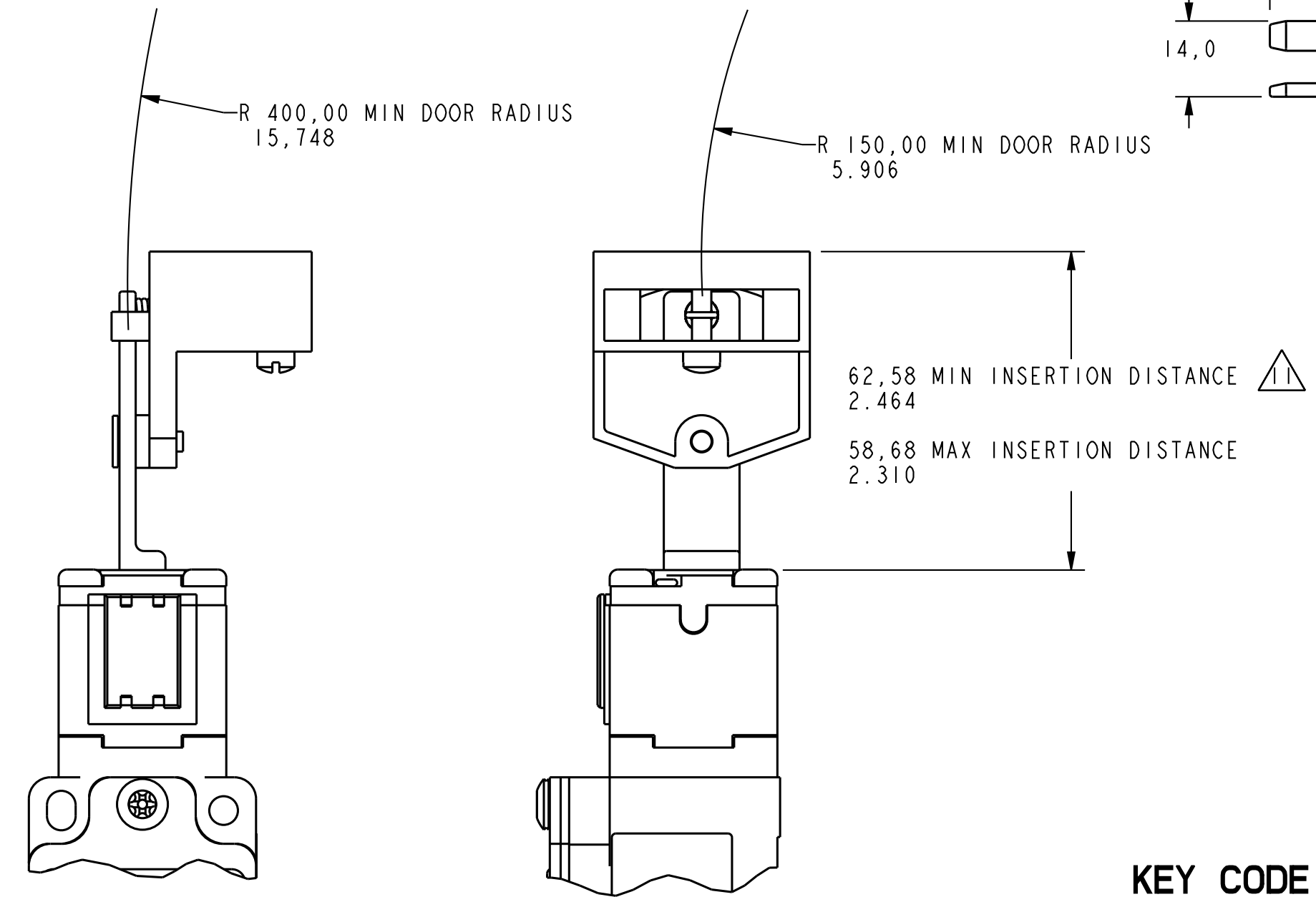
THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(.0)	± .030	
TWO PLACES	(.00)	± .015	
THREE PLACES	(.000)	± .005	
ANGLES		±	
WEIGHT APPROX .5 KG / 1 LB			

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

PTC/CAD 30		DRAWN		GK SERIES CHART 3		PAGE 4 OF 8								
MAM		31 AUG 98	CHECK	JAF	12MAY99	CHECK	DVM	21SEP06	CHECK	CMH	10NOV11	REPLACES	RELEASE NO. PR-23758	
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FRONT ENTRY



TOP ENTRY

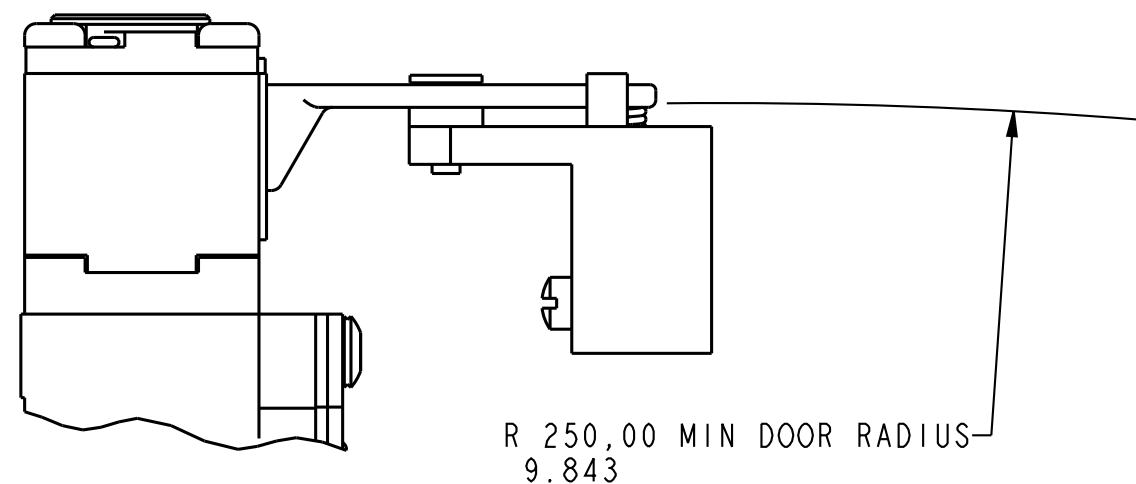
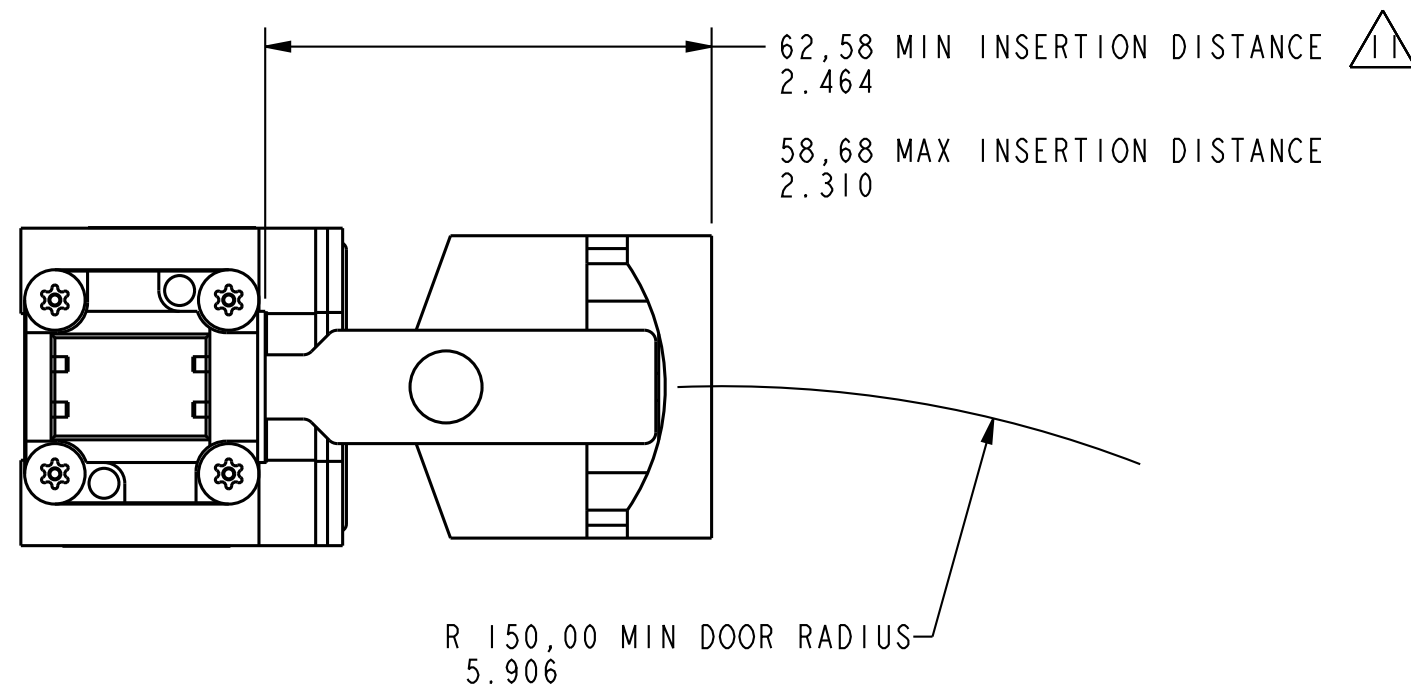
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MICRO SWITCH a Honeywell Division	SWITCH - LIMIT	CATALOG LISTING
GK SERIES CHART 3		
FED. MFG. CODE 91929		

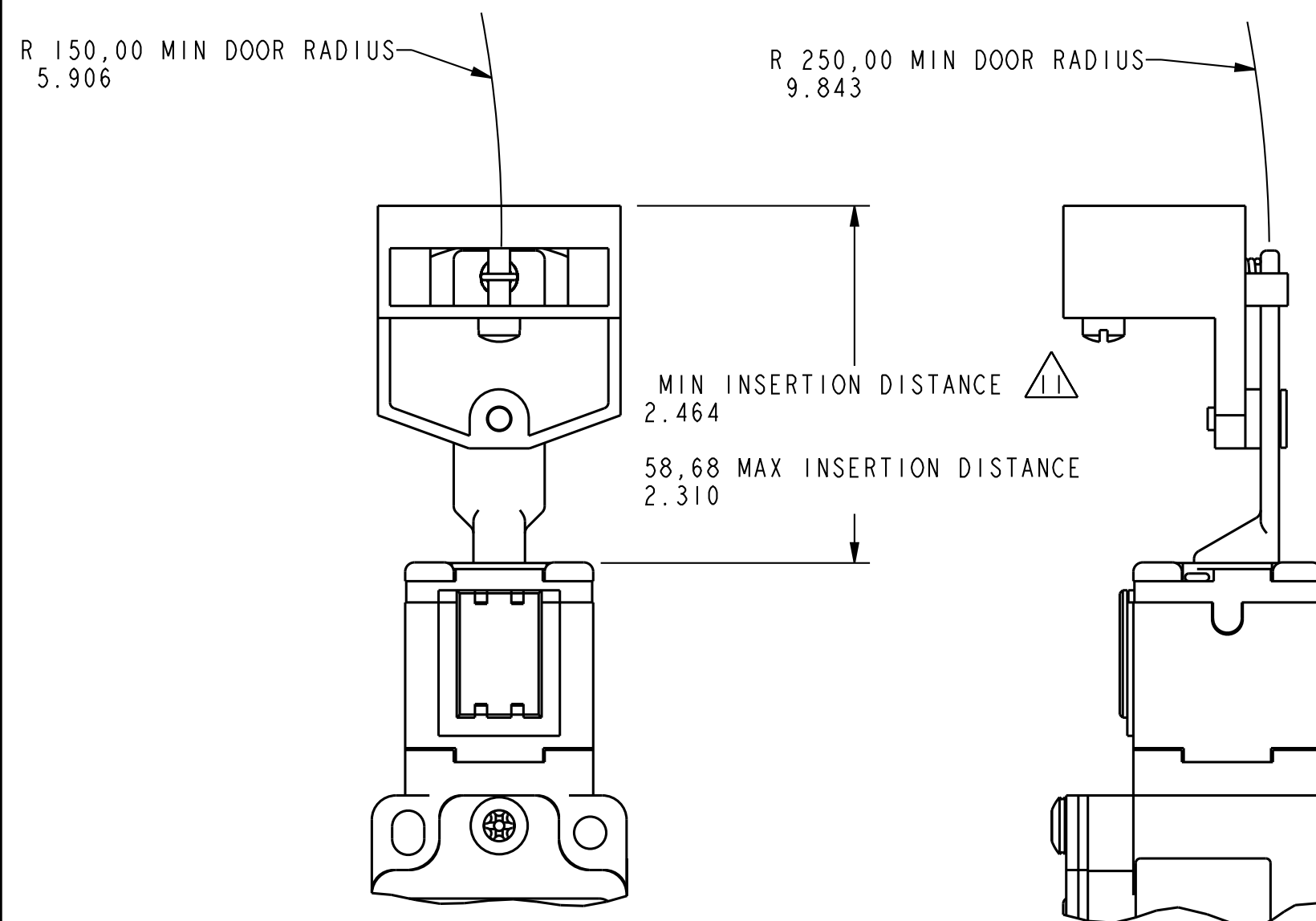
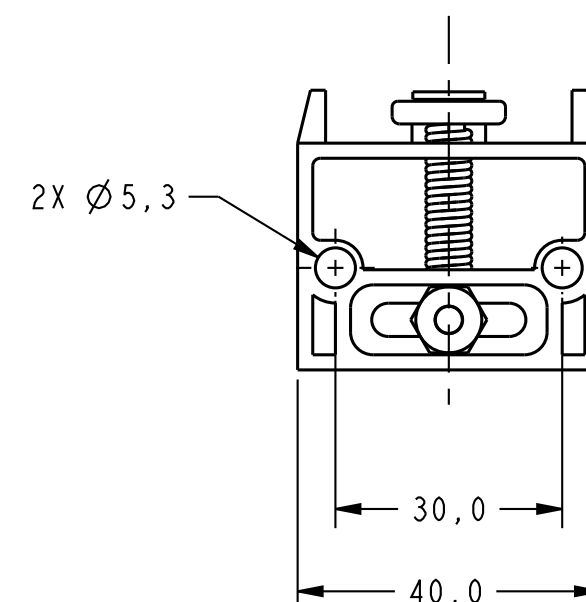
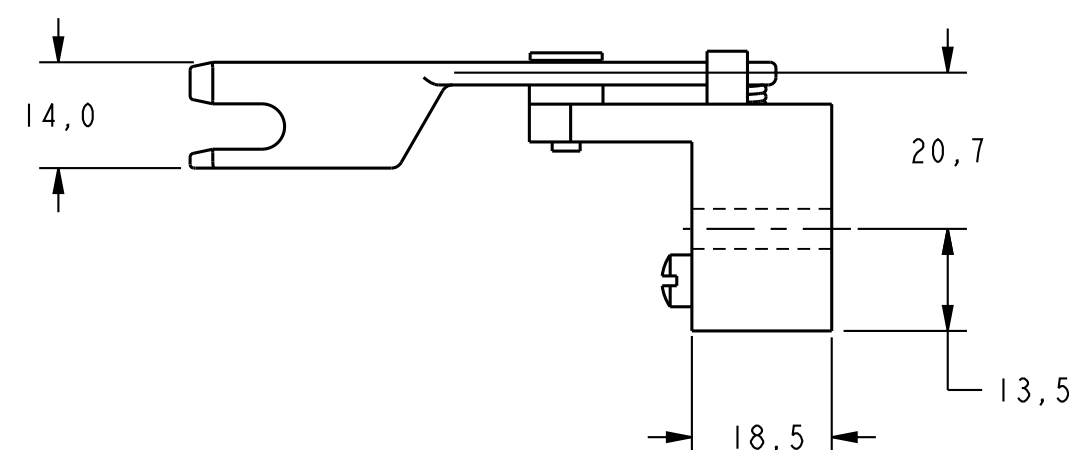
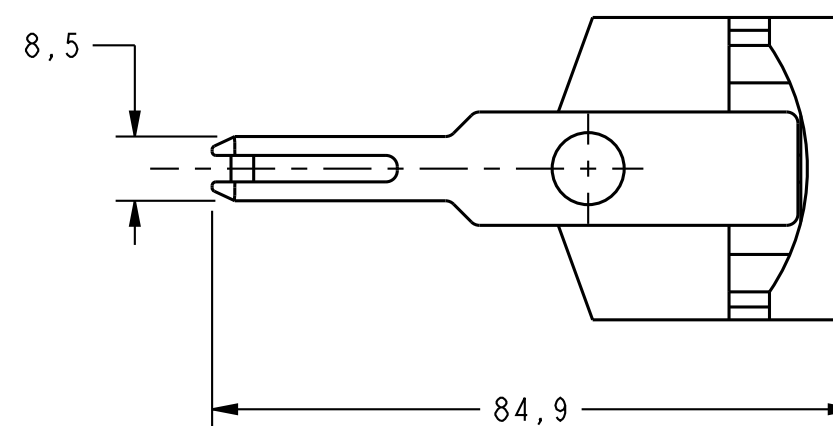
THIRD ANGLE PROJECTION			
SCALE FULL			
DO NOT SCALE PRINT			
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE			
ONE PLACE	(.0)	±	.030
TWO PLACES	(.00)	±	.015
THREE PLACES	(.000)	±	.005
ANGLES			±
WEIGHT APPROX .5 KG / 1 LB			

PTC/CAD 30	DRWN	MAM	1	SEP	98	CHECK	PRG	28	MAY	10
ISSUE	32	DRAWING NUMBER	CMH	10	NOV	11	RELEASE NO.	PR-23758	REPLACES	
GK SERIES CHART 3										
PAGE 5 OF 8										

REVISIONS		
L	0083578	10NOV11
B	206443	13SEP02
C	206976	27NOV02
D	207003	4DEC02
E	207211	15JAN03
F	207576	5MAR03
G	0000385	2JUN03
H	0025008	21SEP06
J	0047425	07JAN09
K	0065737	28MAY10



FRONT ENTRY



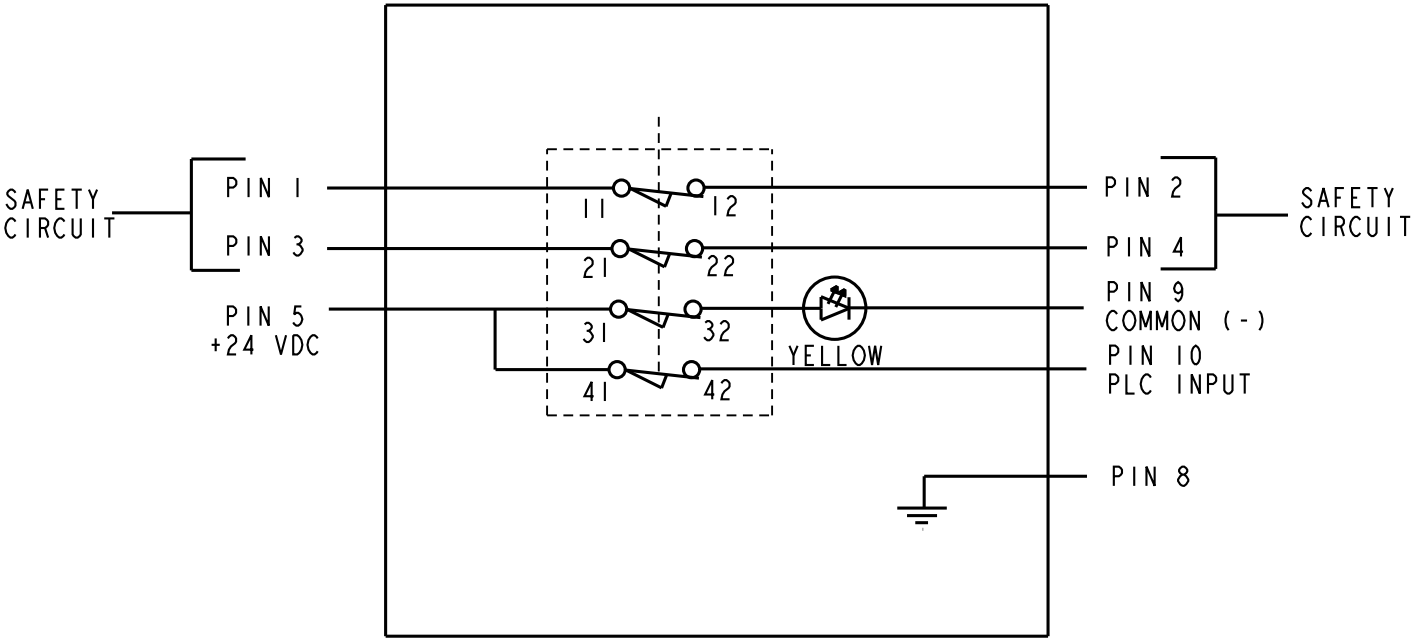
TOP ENTRY

KEY CODE 9

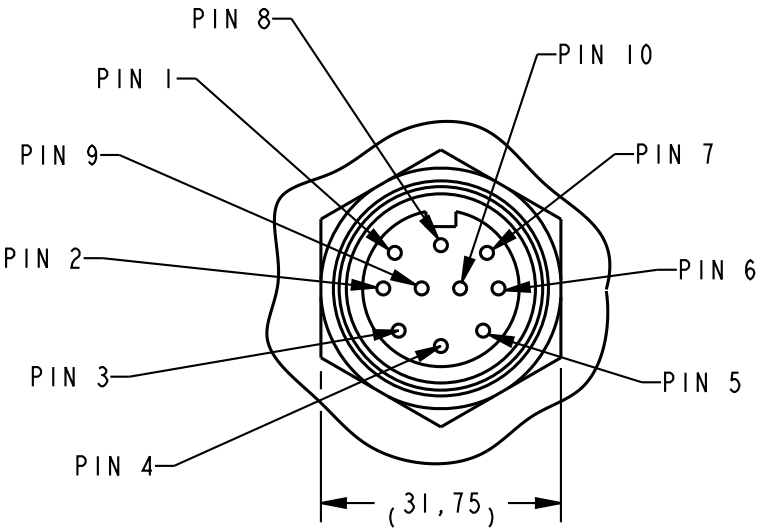
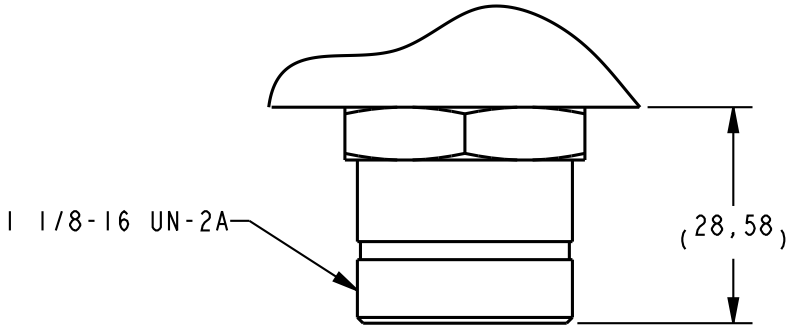
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MICRO SWITCH a Honeywell Division FED. MFG. CODE 91929	SWITCH - LIMIT	CATALOG LISTING
		GK SERIES CHART 3

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 / 1 LB		

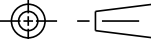
MODIFICATION CODE: F06



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.	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		US CUSTOMARY		
DESIGN UNITS		☒		
		☐		
WEIGHT		APPROX .5KG / 1LB		

CATALOG LISTING
GK SERIES CHART 3
PAGE 8 OF 8
REPLACES
10NOV11
RELEASE NO. PR-23758
CMH
CHECK
07JAN09
RS
18 JAN 00
SAV
CHECK
18 JAN 00
GRT
DRAWN
PTC/CAD
3D

ISSUE
32
CMH
CHECK
07JAN09
RS
18 JAN 00
SAV
CHECK
18 JAN 00
GRT
DRAWN
PTC/CAD
3D

REVISIONS
L 0083578 MBH 10NOV11
B 206443 JLN 13SEP02
C 206976 JLN 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
K 0065737 PHS 28MAY10

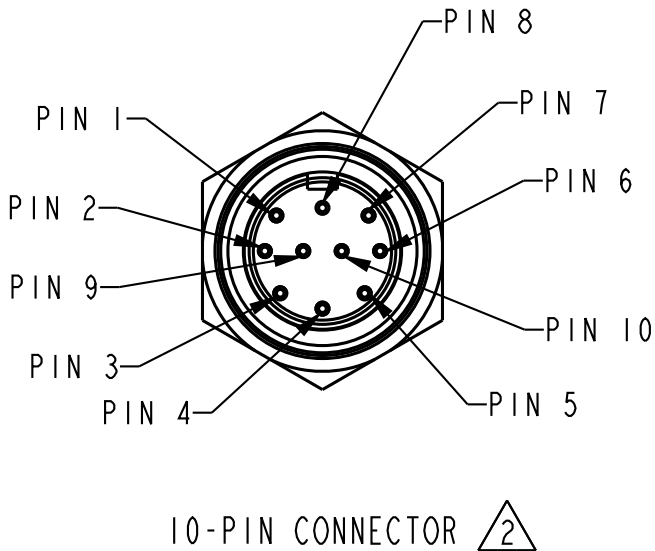
MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

SWITCH - DOOR INTERLOCK

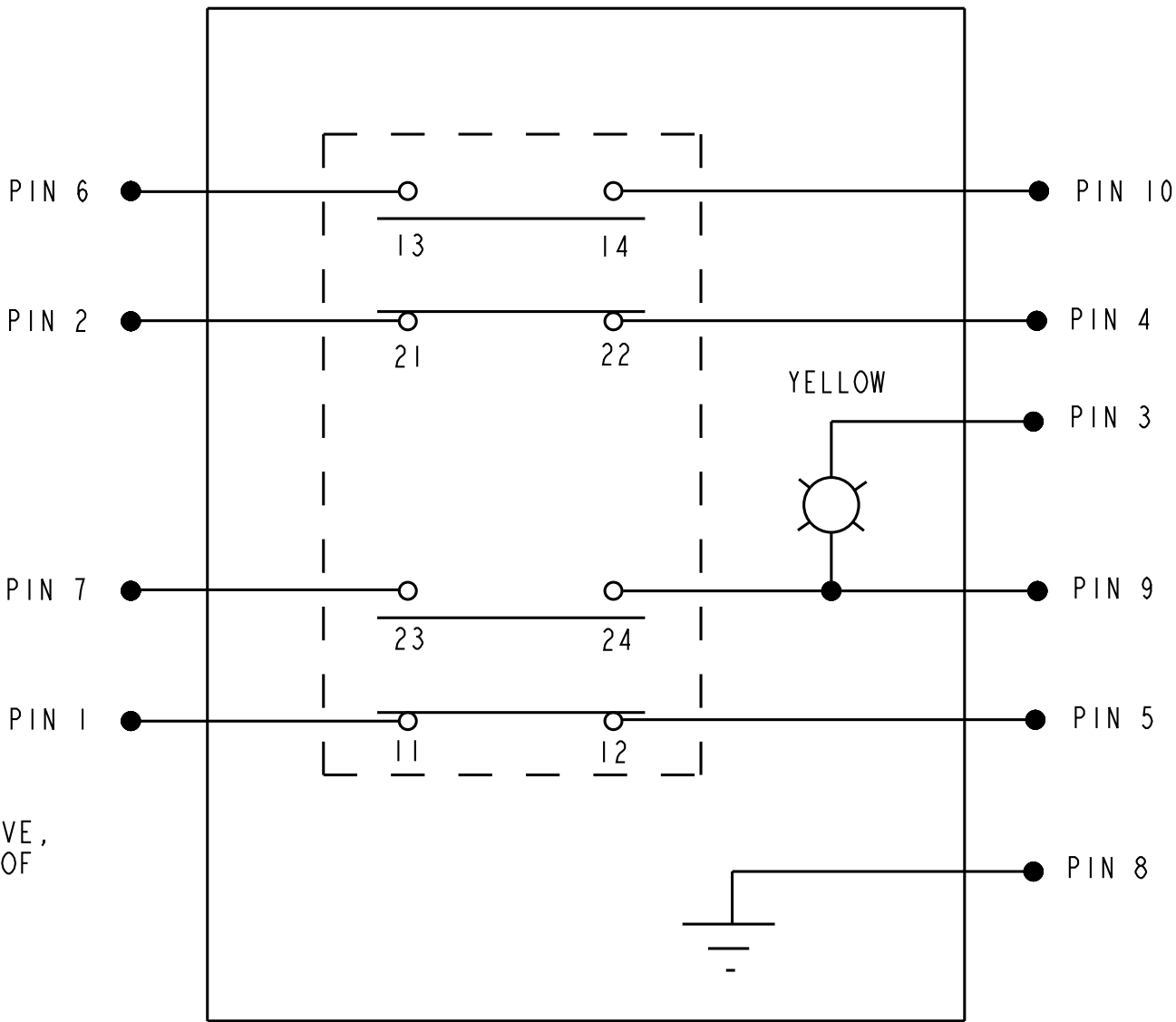
CATALOG LISTING
GK SERIES CHART 3

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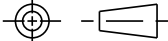
MODIFICATION CODE: FW



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. 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		US CUSTOMARY		
DESIGN UNITS		☒ ☐		
WEIGHT		0,4 KG / 1LB		

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