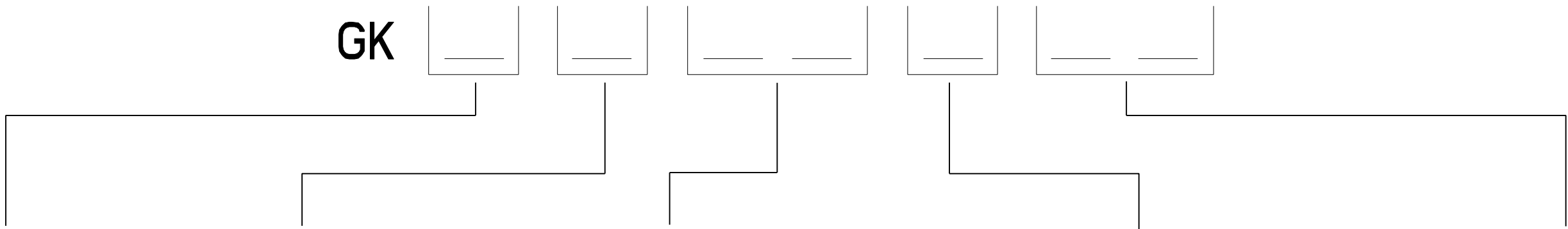


DUAL ENTRY KEY OPERATED SAFETY INTERLOCK NOMENCLATURE

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
-  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
-  SEE BASIC SWITCH COLUMN FOR VOLTAGE RATING
-  T-15 TAMPER PROOF TORX DRIVER BIT PROVIDED
-  SWITCH MUST OPERATE BEFORE REACHING MINIMUM INSERTION DISTANCE
- "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 VIBRATION: 10G PER IEC 68-2-6		 	
240	3	125	.55				
380	1.9	250	.27				
480	1.5						
500	1.4						
600	1.2						
Ith = 10A							

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.

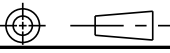
MICRO SWITCH
a Honeywell Division

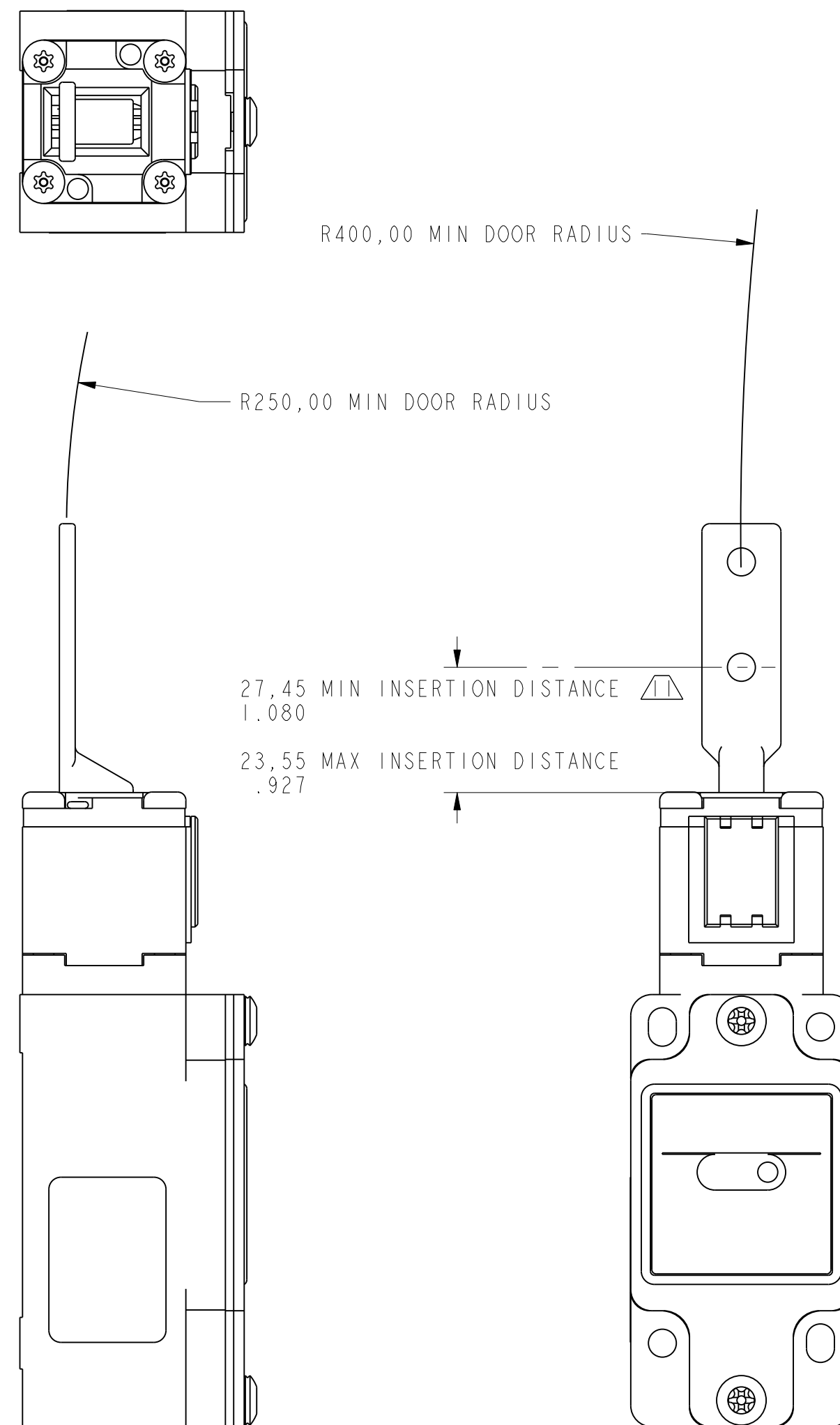
FED. MFG. CODE 91929

SWITCH - LIMIT

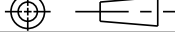
CATALOG LISTING

GK SERIES CHART 3

THIRD ANGLE PROJECTION			
			
SCALE 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			



TOP ENTRY

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		

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

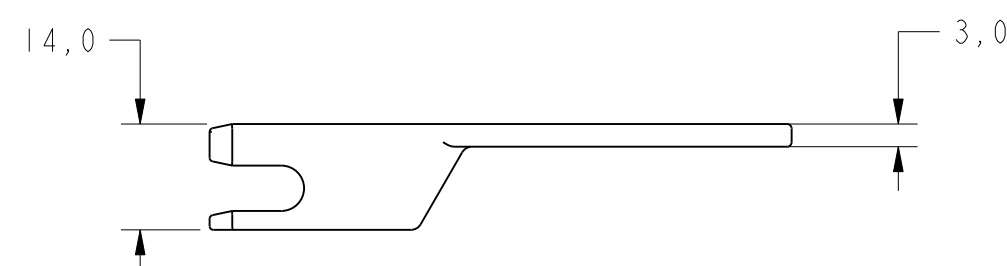
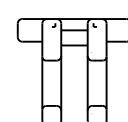
MICRO SWITCH
a Honeywell Division

SWITCH - LIMIT

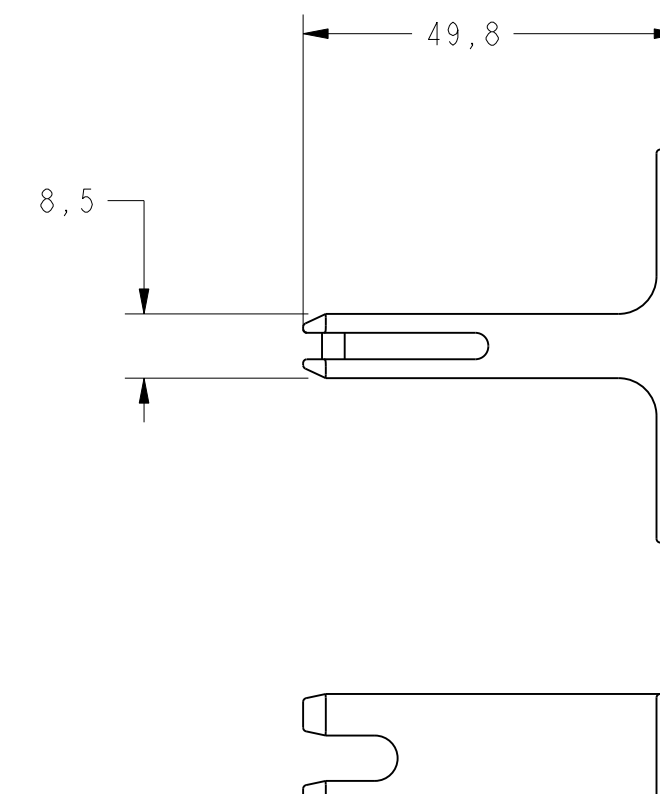
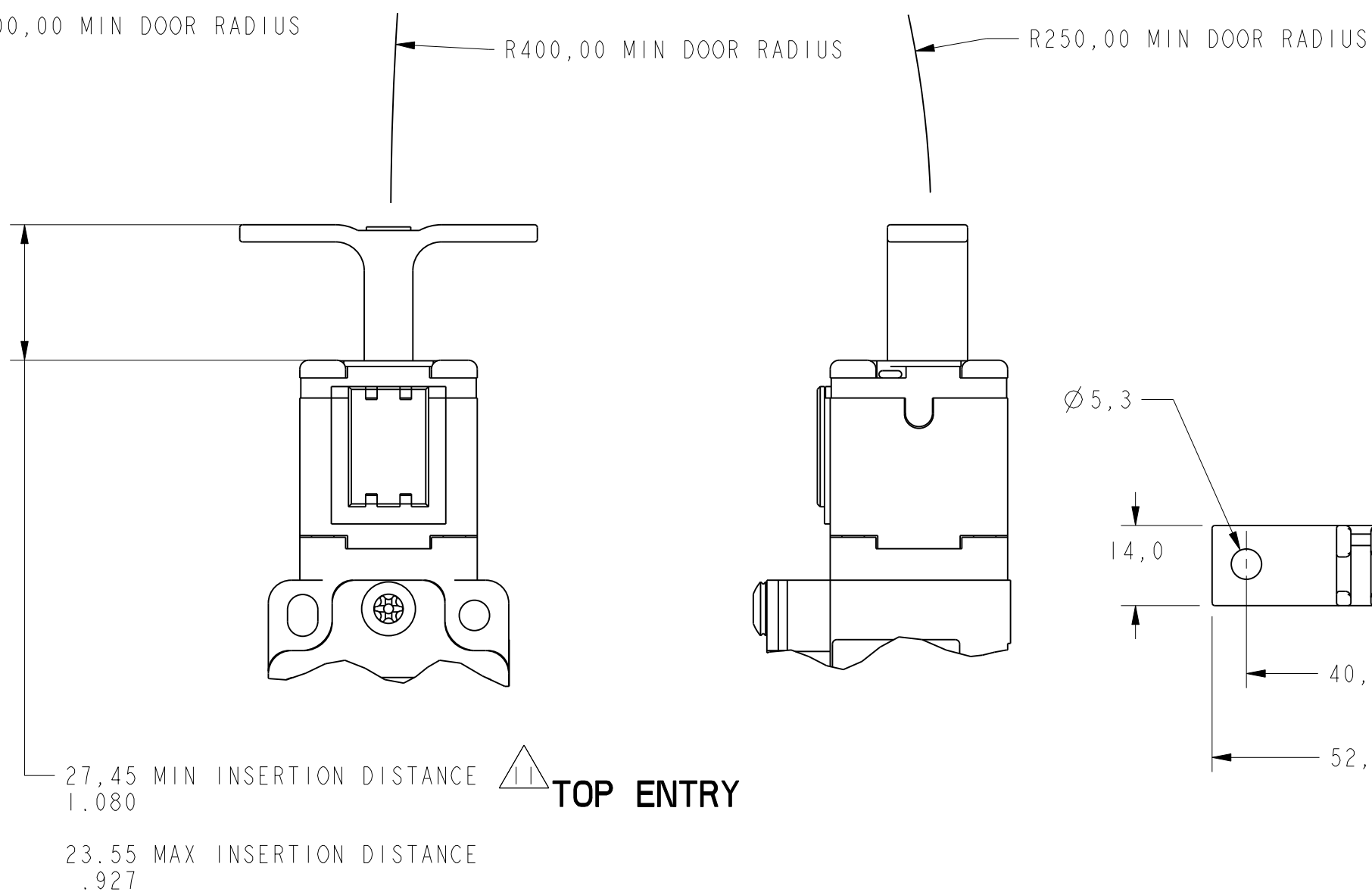
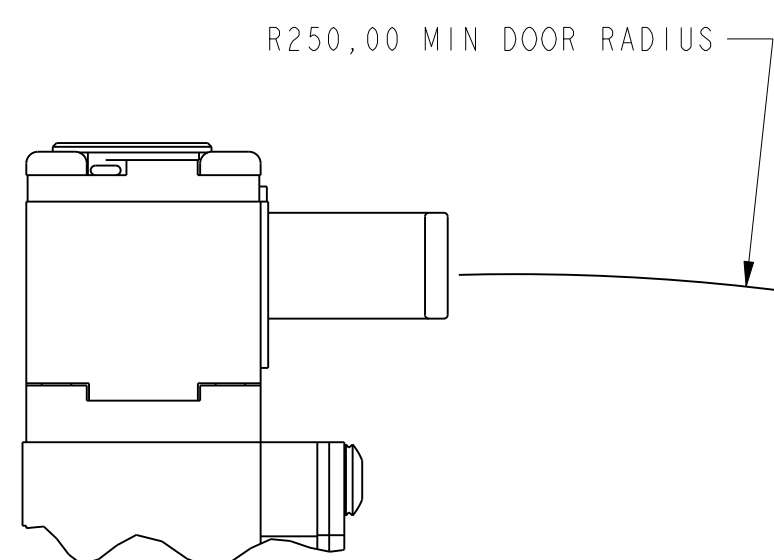
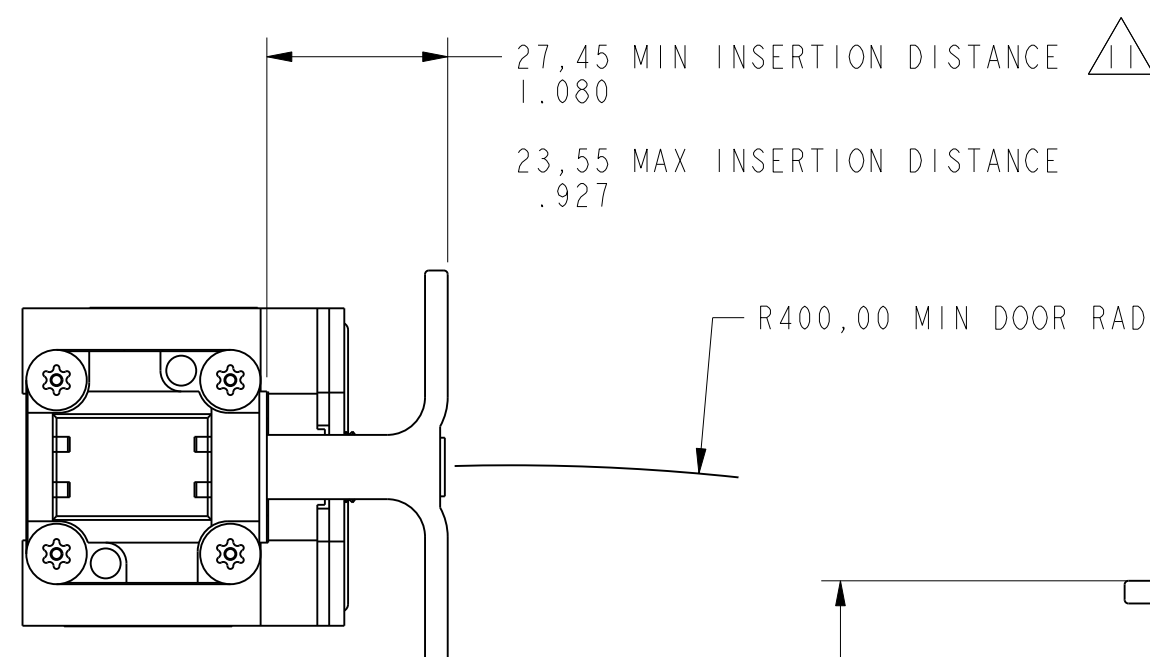
GK SERIES CHART 3

FED. MFG. CODE 91929

ANSI Y14.5M-1982 APPLIES



KEY CODE 6



KEY CODE 7

FRONT ENTRY

PTC / CAD 30		DRAWN		ISSUE 30		DRAWING NUMBER		M		GK SERIES CHART 3	
REVISONS		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					
MAM		31 AUG 98		CHECK		JAF		DVM		21SEP06	
PS		07JAN09		CHECK		PS		DVM		21SEP06	
RELEASE NO.		PR-23758		REPLACES							

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

MICRO SWITCH
a Honeywell Division

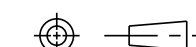
SWITCH - LIMIT

GK SERIES CHART 3

FED MEG CODE 91929

ANSI Y14.5M-1982 APPLIES

THIRD ANGLE PROJECTION



SCALE	FULL
-------	------

DO NOT SCALE PRINT

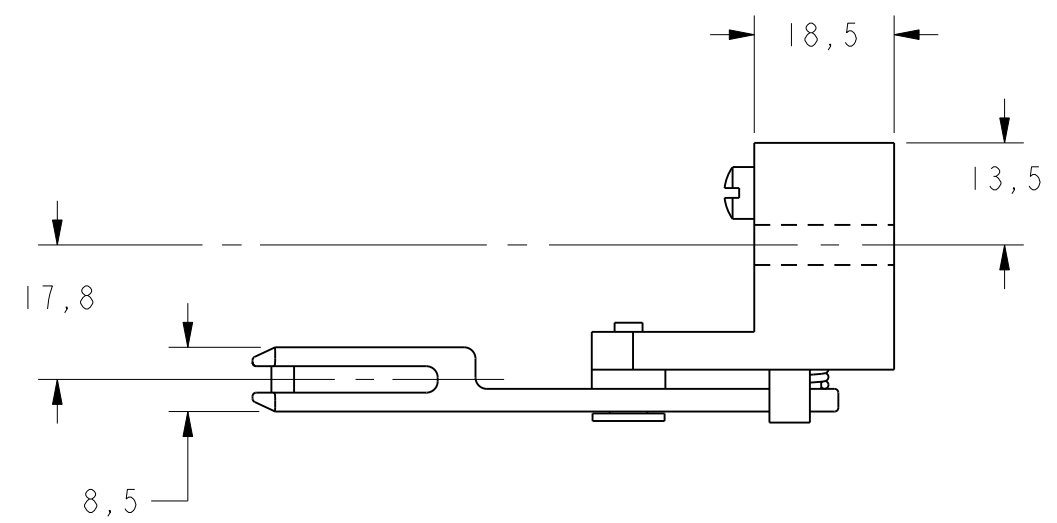
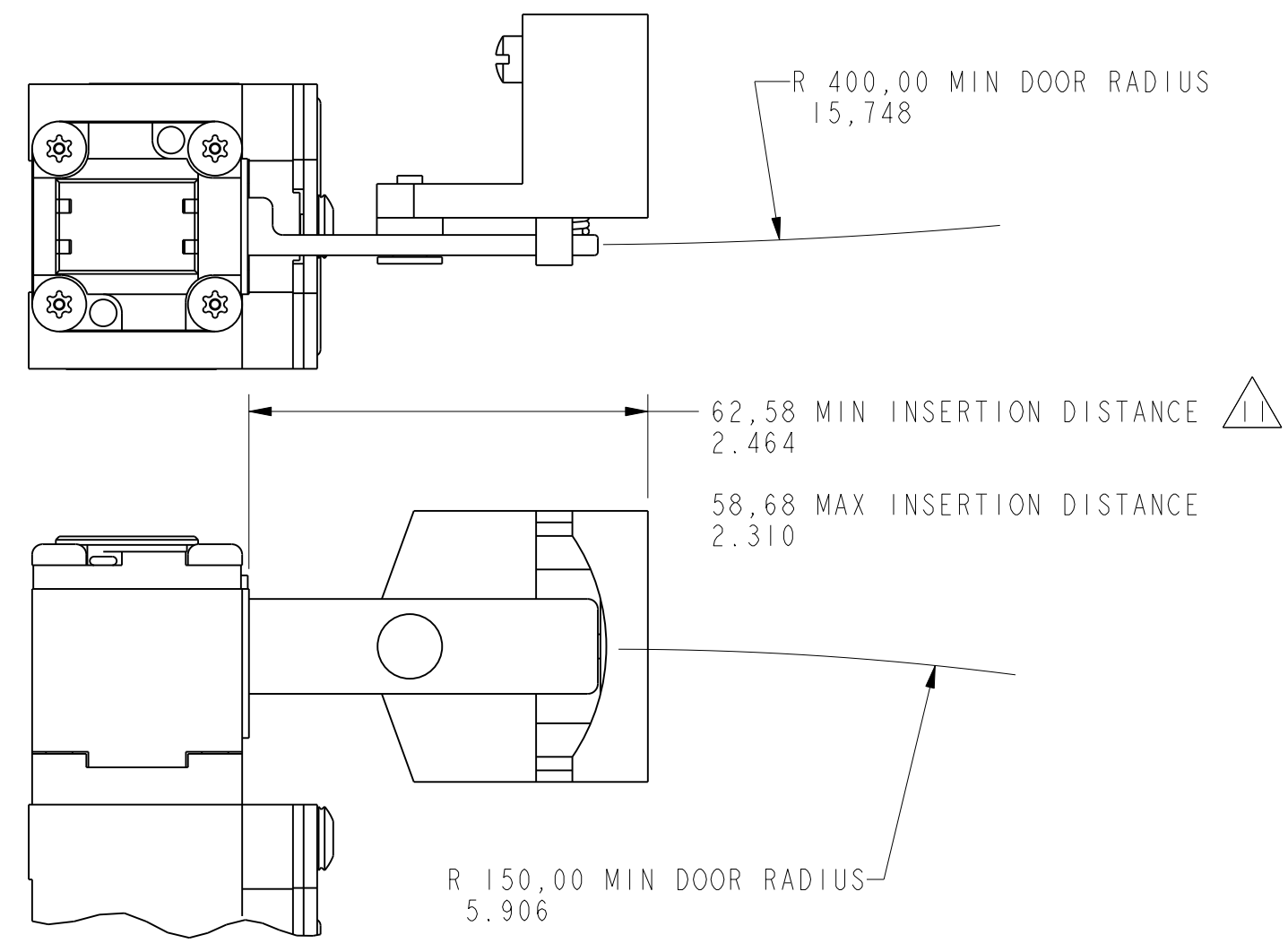
UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE (.0) $\pm .030$

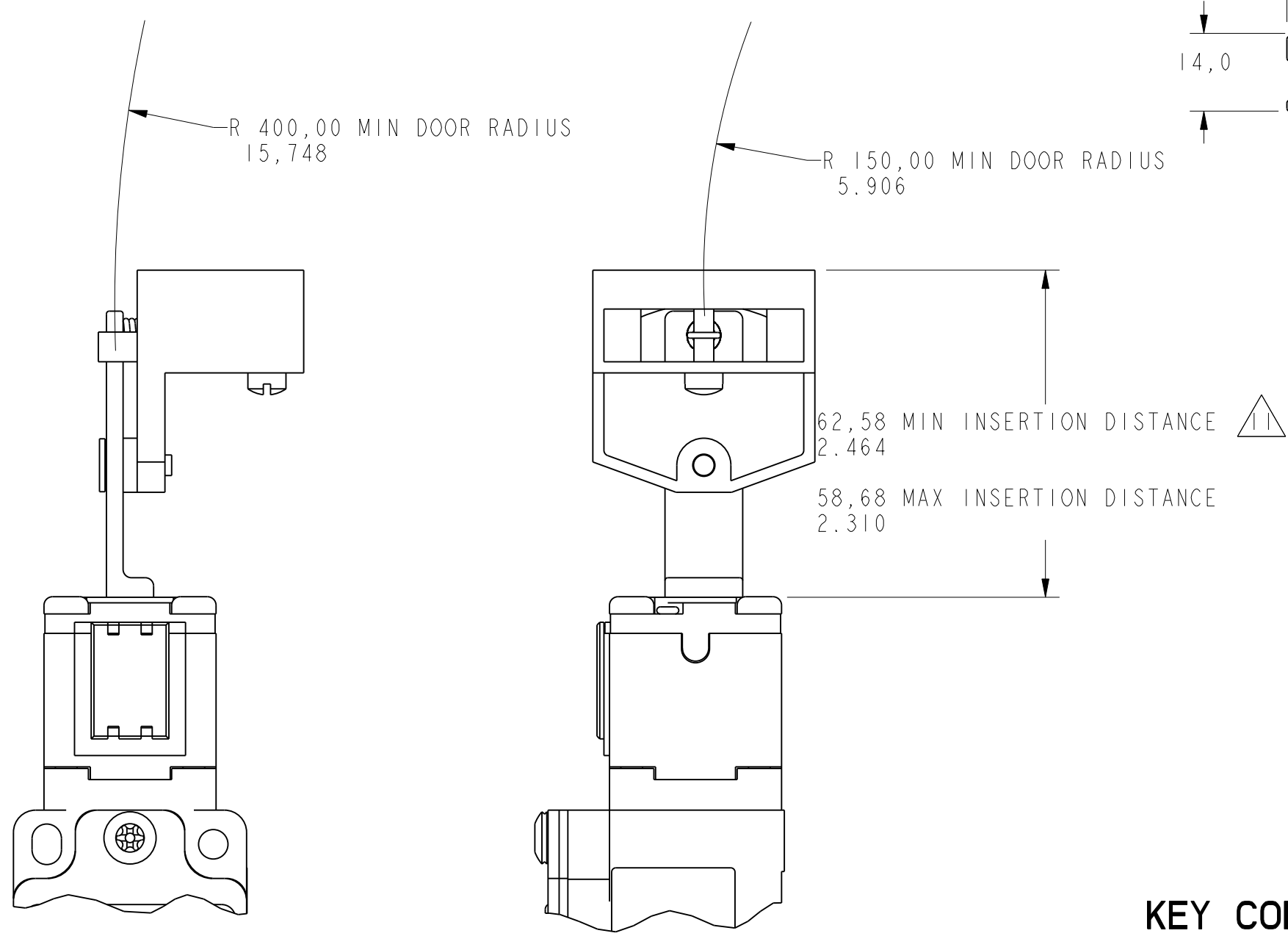
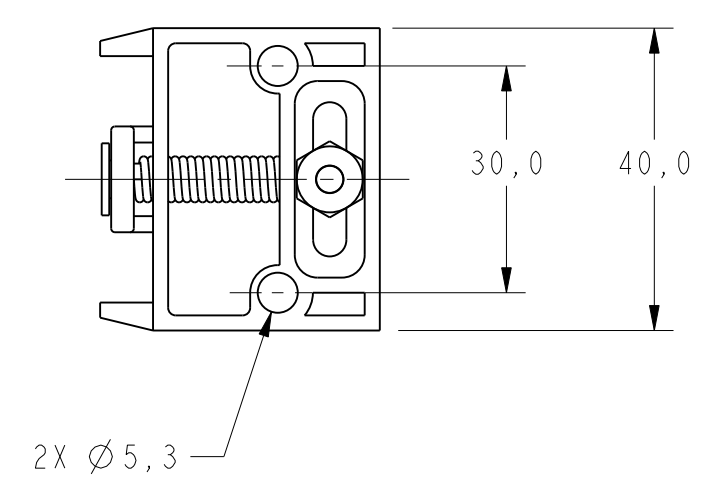
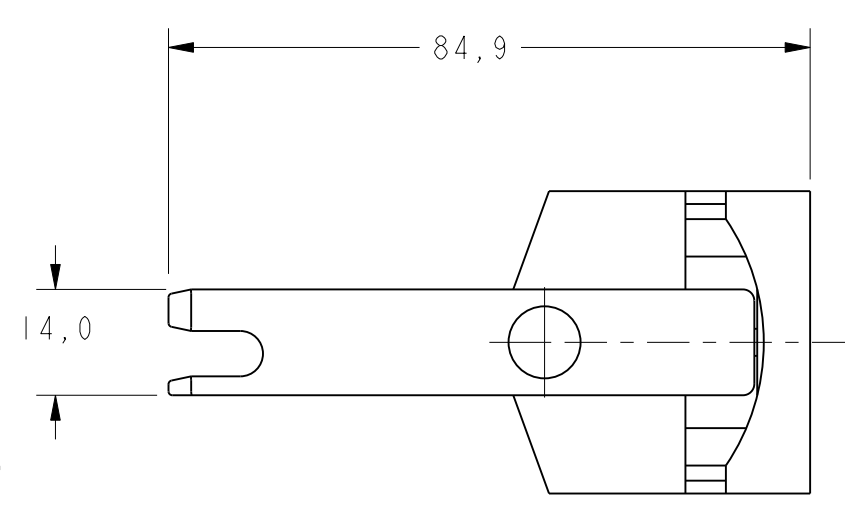
TWO PLACES (.00) $\pm .015$

TWO PLACES	(.00)	+
THREE PLACES	(.000)	+

WEIGHT APPROX .5 KG / 1 LB



FRONT ENTRY



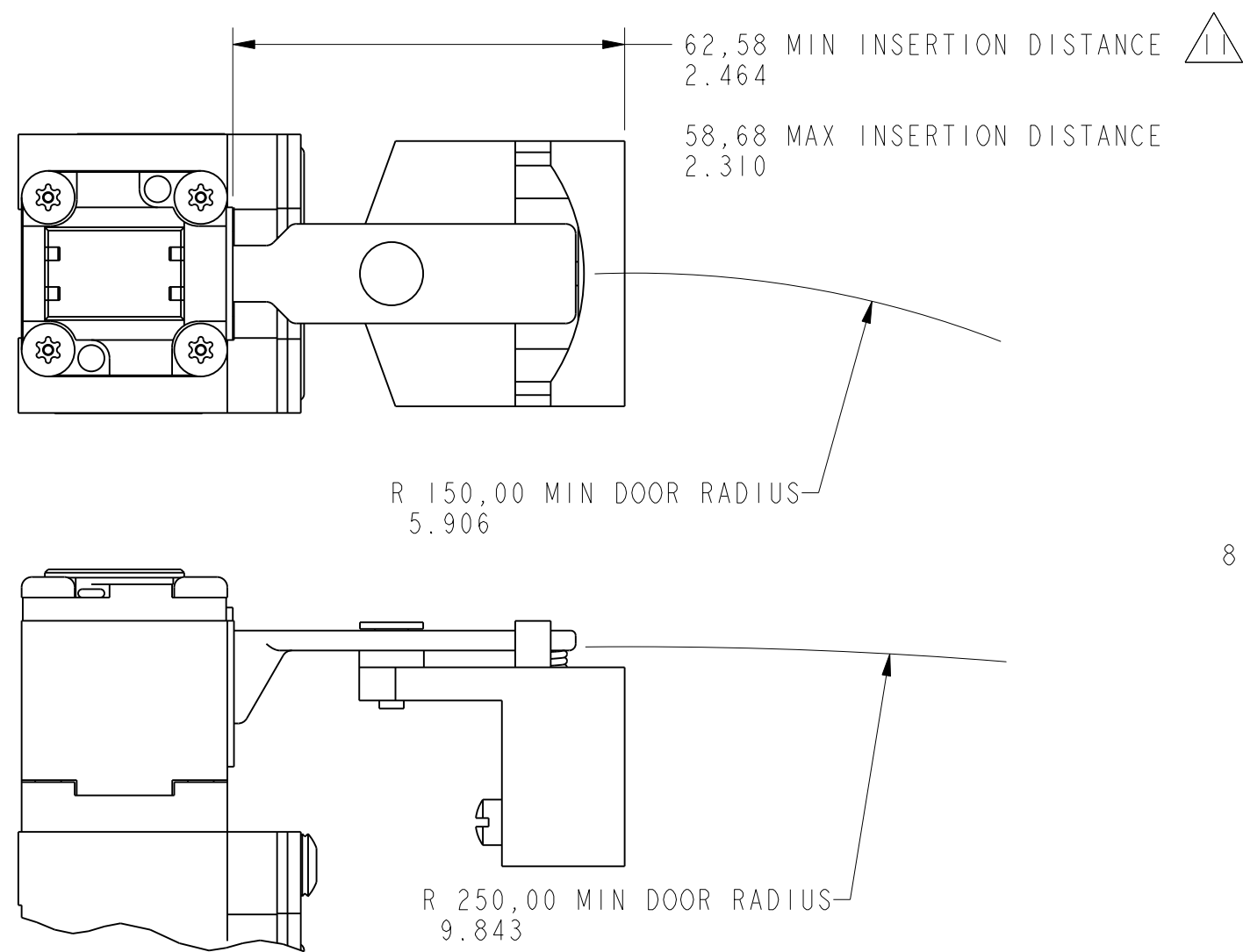
KEY CODE 8

TOP ENTRY

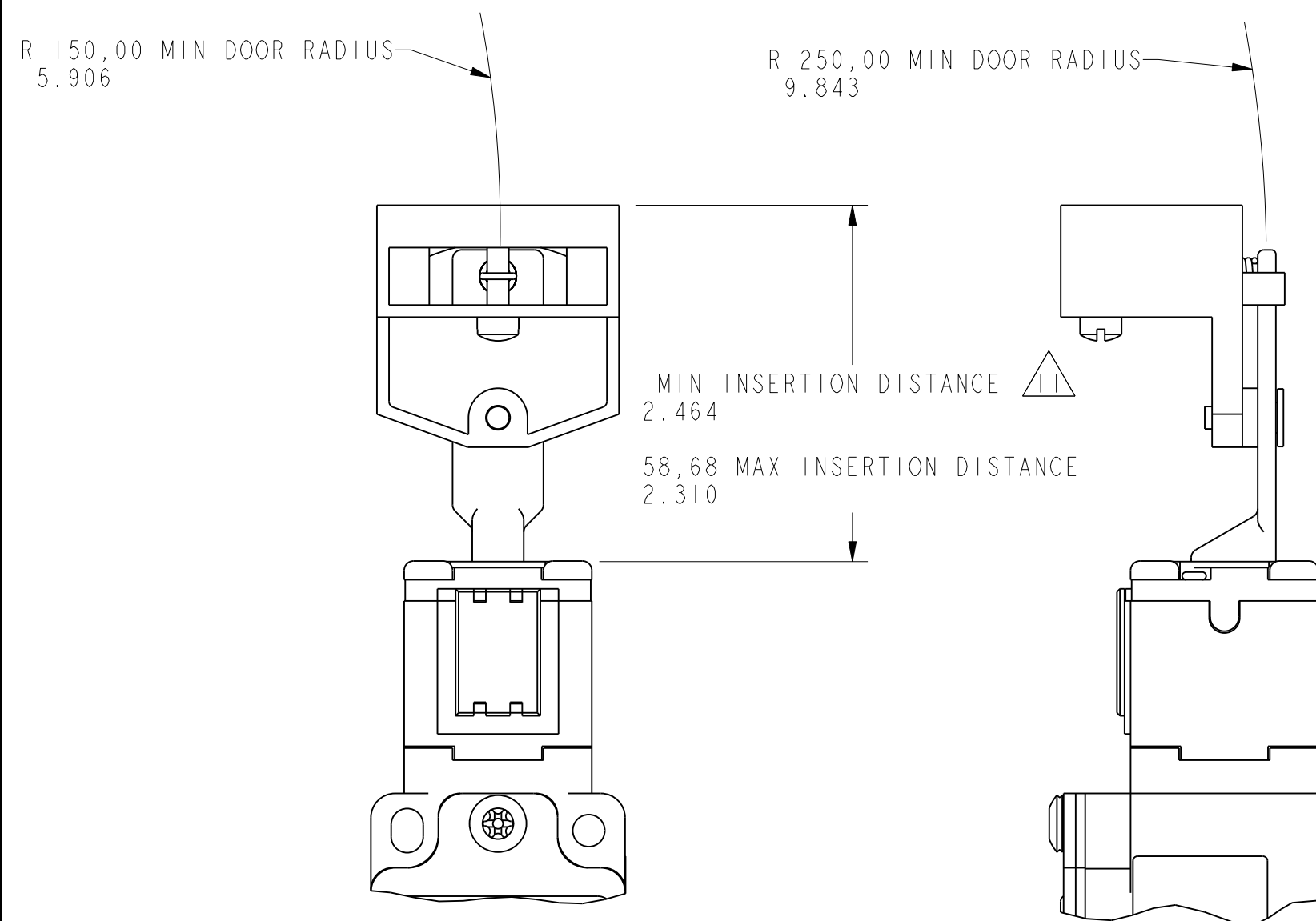
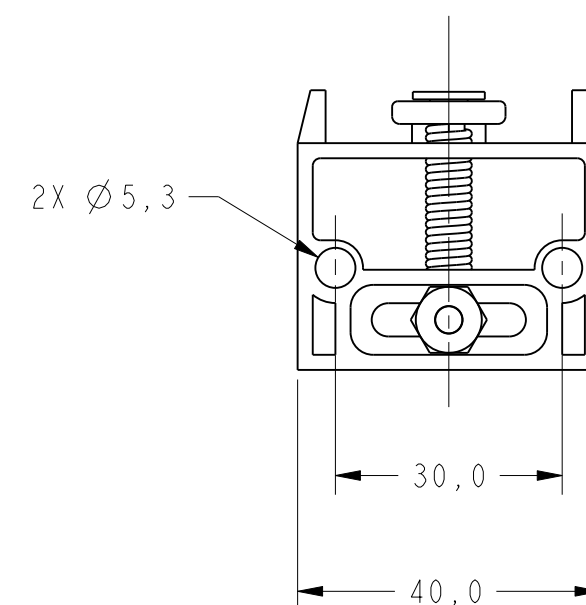
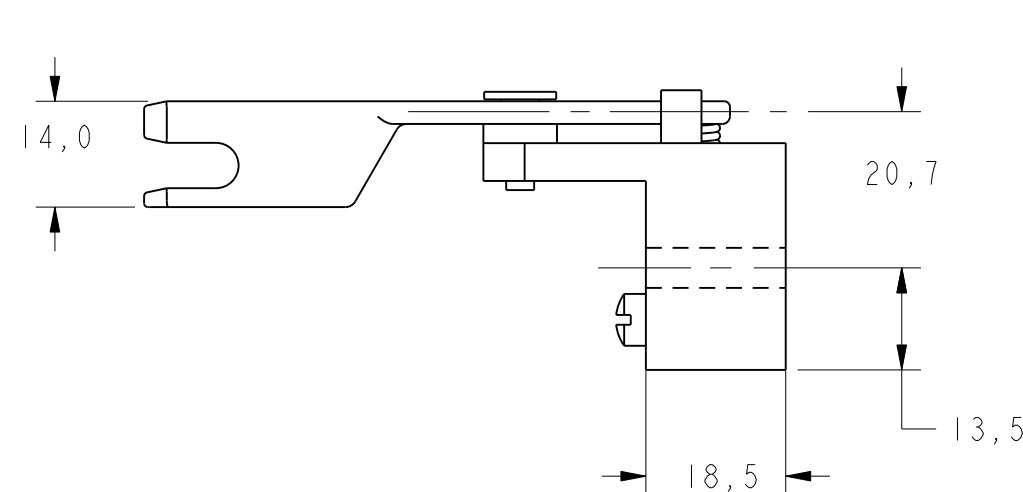
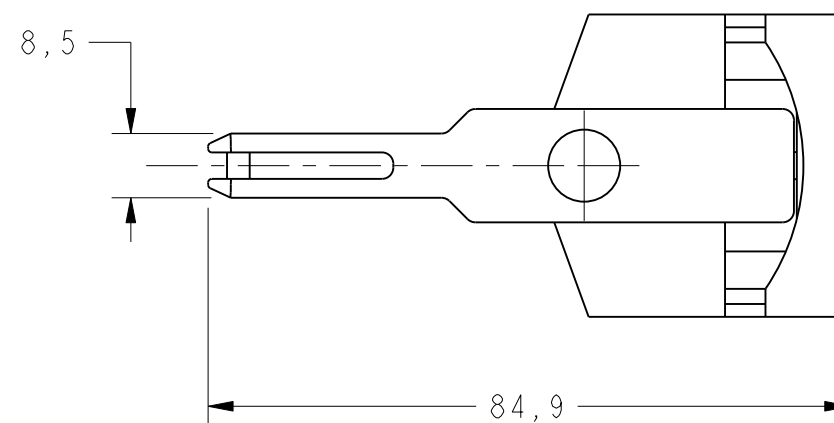
ANSI Y14.5M-1982 APPLIES

P.T.C./CAD 30		DRAWN		MAM		1 SEP 98		CHECK		JAF		12 MAY 99		CHECK		DVM		RS		07 JAN 09		RELEASE NO. PR-23758		PAGE 5 OF 8		REPLACES	
ISSUE		DRAWING NUMBER		30		30		30		30		30		30		30		30		30		30		30		30	
GK SERIES CHART 3		REVISIONS		A		206394		TSM		9 SEP 02		B		206443		JLT		13 SEP 02		C		206976		JLT		27 NOV 02	
				D		207003		GLH		4 DEC 02		E		207211		TSM		15 JAN 03		F		207576		TSM		5 MAR 03	
				G		0000385		GLH		2 JUN 03		H		0025008		GNA		21 SEP 06		J		0047425		LX		07 JAN 09	

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		
MICRO SWITCH a Honeywell Division		
SWITCH - LIMIT		
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		



FRONT ENTRY



TOP ENTRY

KEY CODE 9

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	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		DRAWN		MAM		1 SEP 98		CHECK		JAF		1 SEP 98		CHECK		DVM		21 SEP 06		CHECK		RS		07 JAN 09		RELEASE NO. PR-23758		REPLACES		PAGE 6 OF 8		GK SERIES CHART 3		ISSUE		30		DRAWING NUMBER		M		GK SERIES CHART 3	
------------	--	-------	--	-----	--	----------	--	-------	--	-----	--	----------	--	-------	--	-----	--	-----------	--	-------	--	----	--	-----------	--	----------------------	--	----------	--	-------------	--	-------------------	--	-------	--	----	--	----------------	--	---	--	-------------------	--

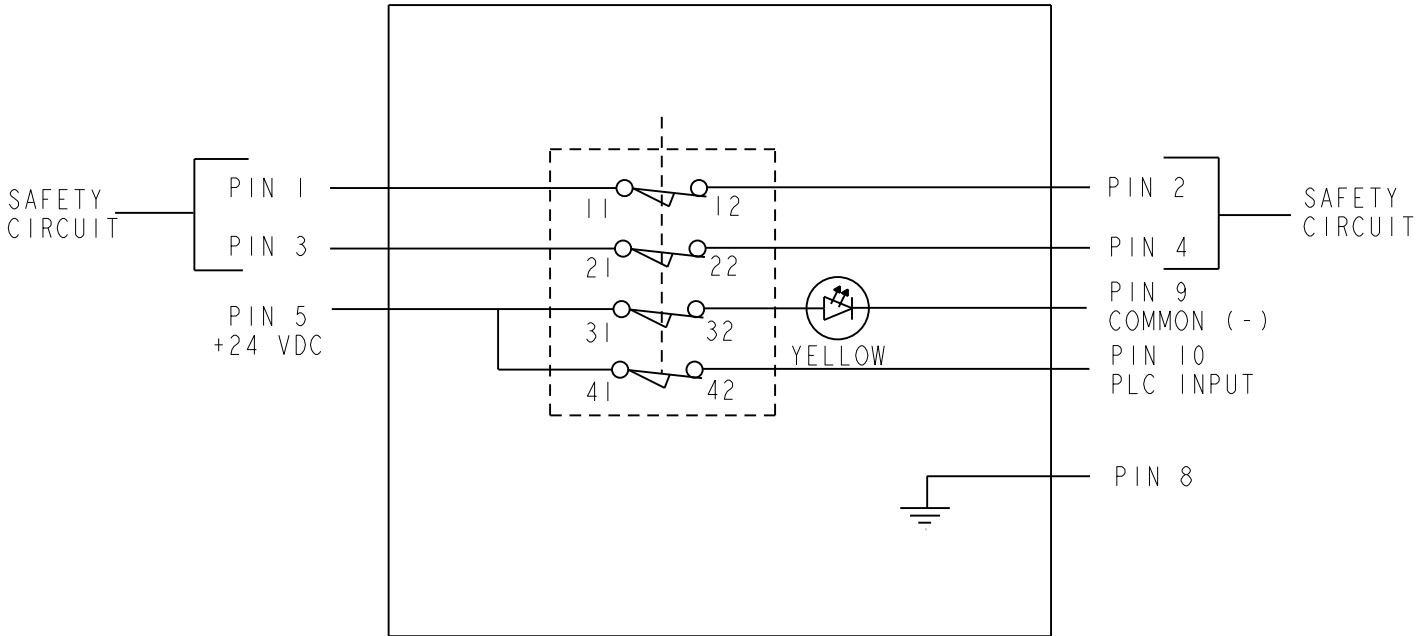
REVISIONS		A		206394		TSM		9 SEP 02		B		206443		JLH		13 SEP 02		C		206976		JLH		27 NOV 02		D		207003		GLH		40 DEC 02		E		207211		TSM		15 JAN 03		F		207576		TSM		5 MAR 03		G		0000385		JLH		2 JUN 03		H		0025008		BNA		21 SEP 06		J		0047425		LX		07 JAN 09	
-----------	--	---	--	--------	--	-----	--	----------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

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
PTC/CAD
3D

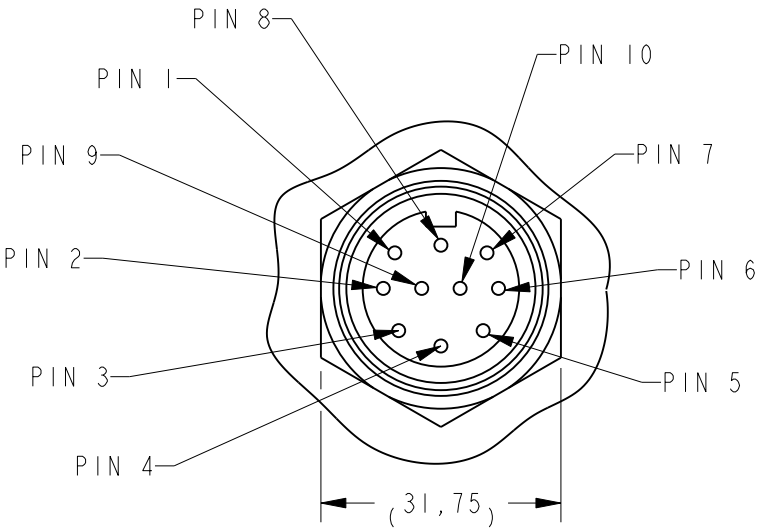
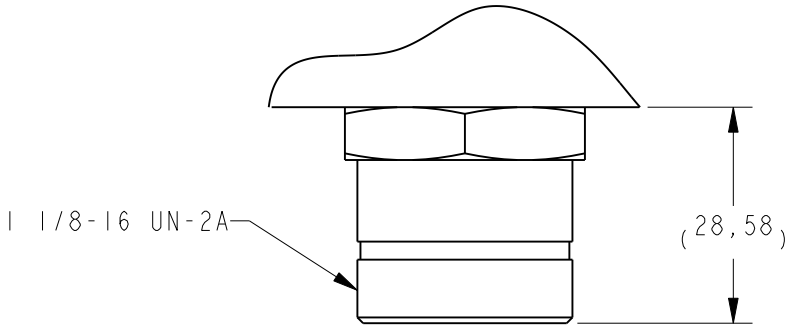
ISSUE
30
RS
CHECK
DVM
JAF
CHECK

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. 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 [X] []
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

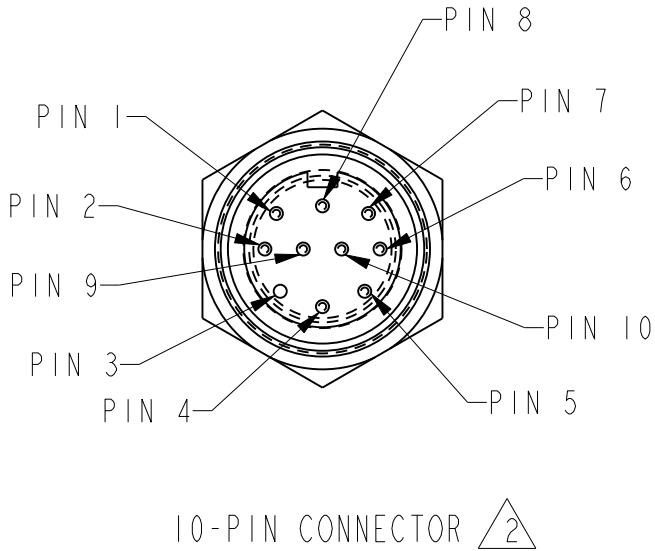
MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

SWITCH - DOOR INTERLOCK

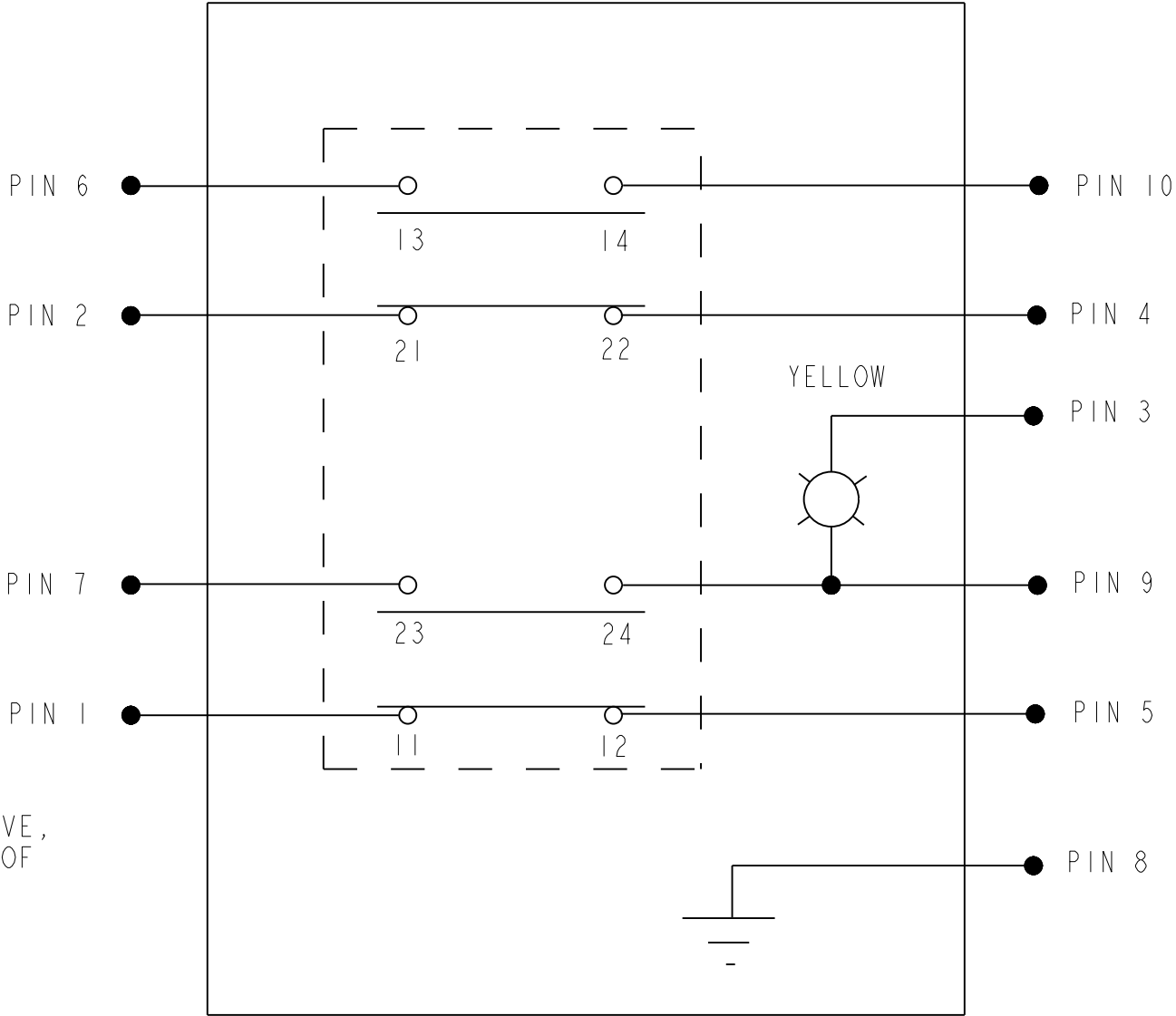
CATALOG LISTING
GK SERIES CHART 3

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

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

WEIGHT
0,4 KG / 1LB