Honeywell | LIMIT SWITCH | GKM | MTG–GK–207

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REVISIONS

2	PR*5
	I. WEIR
3	CO*123
	J. BOYD
4	CO*351
	J. BOYD
5	DR*204
	I. WEIR
6	CO*998
	I. WEIR
7	CO*1197
	J. BOYD
8	CO*1629
	J. BOYD
9	PR*1336
	M. LOCH
10	CO*2651
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	DRAWN	CHECK	DESIGN	AUTHOR'N
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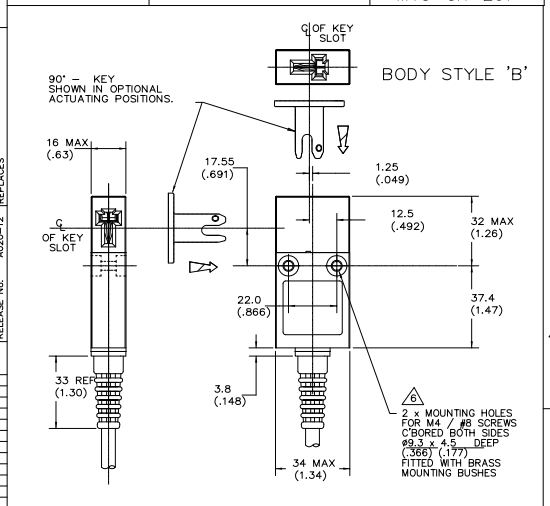

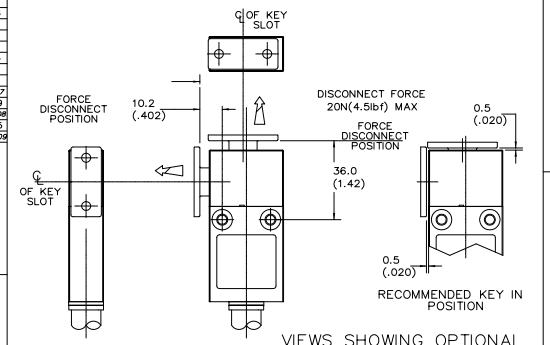

VIEWS SHOWING OPTIONAL KEY POSITIONS

ELECTRICAL RATINGS FOR BODY STYLE A, B, C, D						ELECTRICAL RATINGS FOR BODY STYLE "E"		ENVIRONMENTAL	APPROVALS
STANDARD Ag CONTACTS				Au PLATE CONTACTS		STANDARD Ag CONTACTS	Au PLATED CONTACTS		
AC			DC					IP67 NEMA 1,12,13	
B300 AC15 Ue / Ie		Q300 DC13 Ue / Ie		I_{th} = 5A		30VDC, 2A MAX	1VDC, 10uA MIN	TEMP RANGE : -25°C TO 85°C (-13° TO 185°F)	
VOLTS	AMPS	VOLTS	AMPS	1V, 10uA MIN.		I_{th} = 2A	30VDC, 100mA MAX	STORAGE : -40°C TO 85°C (-40°F TO 185°F)	
120	3	125	0.55	50V 100mA MAX.			I_{th} = 2A	SHOCK : 50G PER IEC 68-2-27	
240	1.5	250	0.27					VIBRATION : 10G PER IEC 68-2-6	
I_{th}=5A		U_i =500V U_{imp}=2.5KV							

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THIRD ANGLE PROJECTION | SCALE – | DIMENSIONS ARE IN MM/INCHES.

GKM D 0 3

BODY STYLE	
A	SIDE EXIT CABLE
B	BOTTOM EXIT CABLE
C	SIDE EXIT CONNECTOR
D	BOTTOM EXIT CONNECTOR
E	TWIN CONNECTOR

CABLE	
0	NO CABLE
1	CABLE
&	LENGTH
3	(METRES)

SWITCH TYPE	
3	SLOW BBM(1N.C 1N.O)
6	SLOW 2 x N.C.
7	SLOW 2 x N.C. GOLD PLATED CONTACTS
9	SLOW BBM(1N.C 1N.O) GOLD PLATED CONTACTS

NOTES:–

1. RED GLASS FILLED POLYESTER BODY, BLACK GLASS FILLED POLYAMIDE COVER AND STAINLESS STEEL KEY.
2. ENCLOSURE DOUBLE INSULATED TO IEC 536 CLASS II.
3. CABLE IS UL STYLE2464, 105°C, 300V. CORES HAVE 105°C RATED PVC OVER 20 AWG (16/0.2MM) BARE COPPER. OUTER SHEATH IS ALSO 105°C RATED PVC AND HAS FINAL O.D. = 6.33±0.2MM.
4. STANDARD CONNECTOR TYPE : BRAD–HARRISON 4 PIN MICROCHANGE, DC STYLE, MALE TYPE, WITH EXTERNAL INTERLOCK THREAD (M12). CONNECTORS HAVE BLACK GLASS FILLED POLTESTER BODY.
5. MINIMUM OPERATING VELOCITY (Vmin) = 2.0 mm/s (0.08"/s) MAXIMUM OPERATING VELOCITY (Vmax) = 200 mm/s (8"/s) MAXIMUM OPERATING FREQUENCY (Fmax)= 2 Hz (120 ops/min)
6. RECOMMENDED TIGHTENING TORQUE FOR MOUNTING SCREWS = 1 – 1.4 Nm (9 – 12 in.lbs)
7. NEW LISTINGS WILL NOT INCLUDE ACTUATOR KEYS WHICH WILL BE SOLD SEPARATELY e.g. GKMC03W1 BECOMES GKMC03 + GKZ51M GKZ51M = STRAIGHT KEY , GKZ52M = 90° KEY. STANDARD CABLE LENGTHS WILL NOW BE 1 & 3 METRES ONLY.
8. FOR KEYWAY POSITION REFERENCE BODY STYLE "E"
9. FOR MINIMUM DOOR RADIUS: SEE FIGURE "A"
10. "S" MARK APPROVALS APPLIES ONLY TO BODY STYLES "A", "B", "C" AND "D".

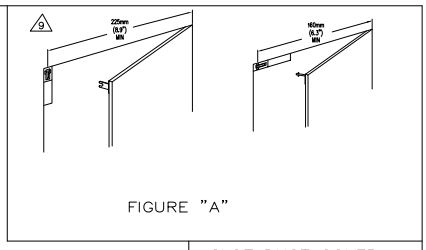
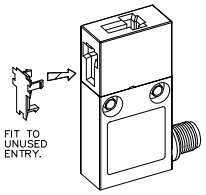
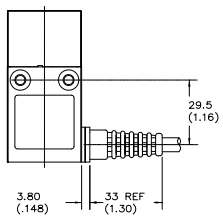


FIGURE "A"

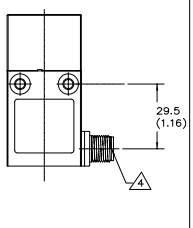
SLOT DUST COVER



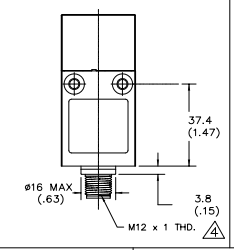
BODY STYLE 'A'



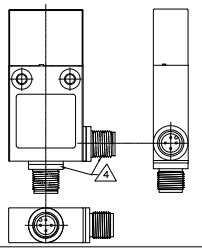
BODY STYLE 'C' 8

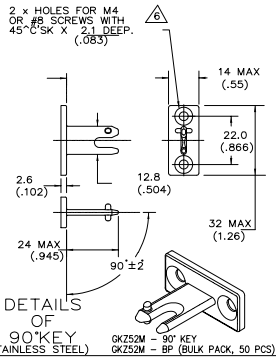


BODY STYLE 'D' 8



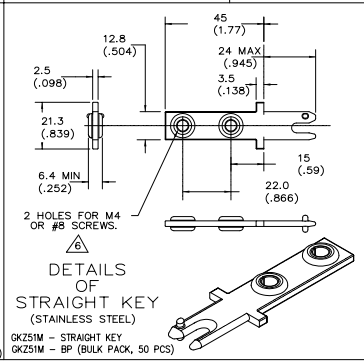
BODY STYLE 'E'





DETAILS OF 90°KEY (STAINLESS STEEL)

GKZ52M – 90° KEY
GKZ52M – BP (BULK PACK, 50 PCS)

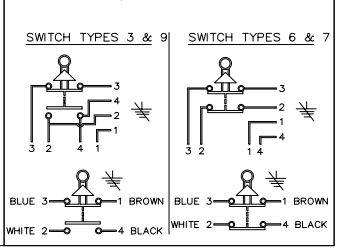


DETAILS OF STRAIGHT KEY (STAINLESS STEEL)

GKZ51M – STRAIGHT KEY
GKZ51M – BP (BULK PACK, 50 PCS)

SWITCH DIAGRAMS

N.B. SWITCHES SHOWN IN KEY–IN POSTION.



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