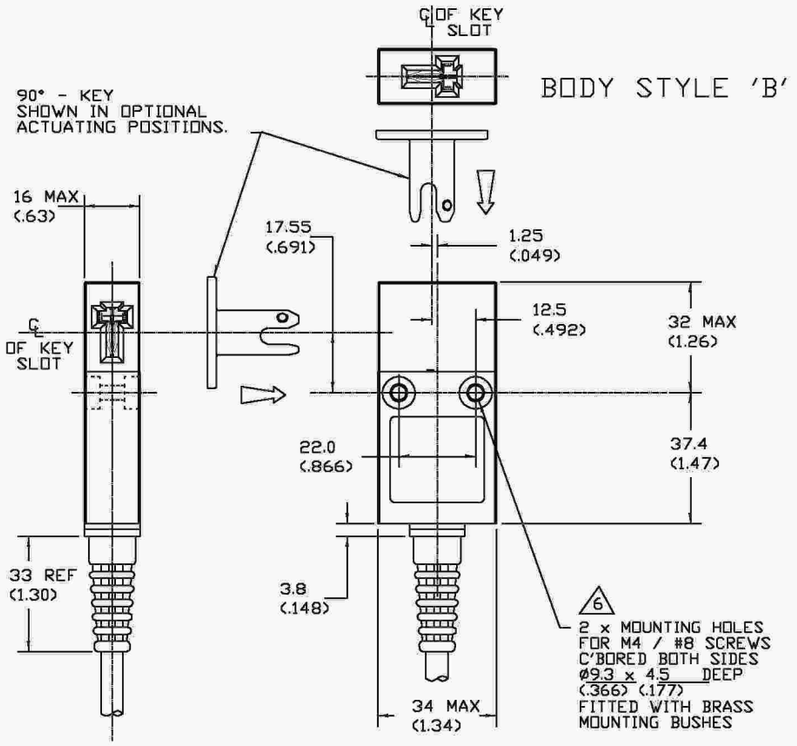
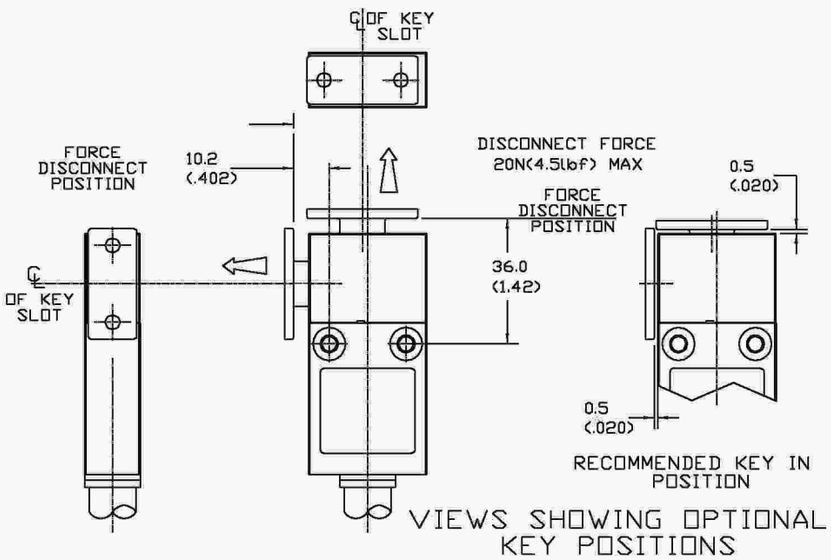
Honeywell

LIMIT SWITCH

GKM

MTG-GK-207





VIEWS SHOWING OPTIONAL KEY POSITIONS

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 & 3	CABLE LENGTH (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 STYLE2661, 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 (V min) = 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.
   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"

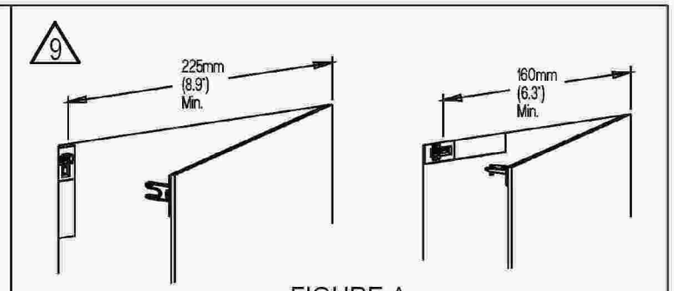
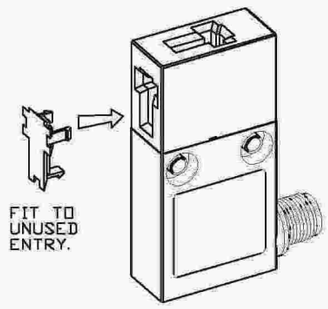
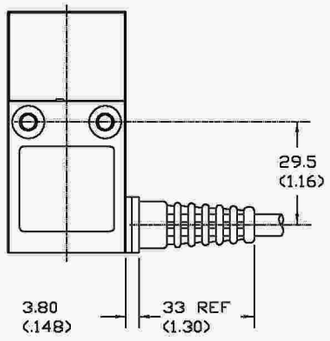


FIGURE A

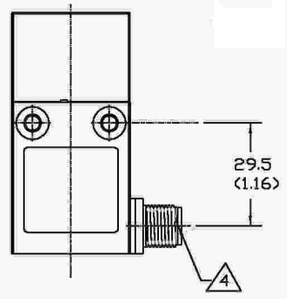
SLOT DUST COVER



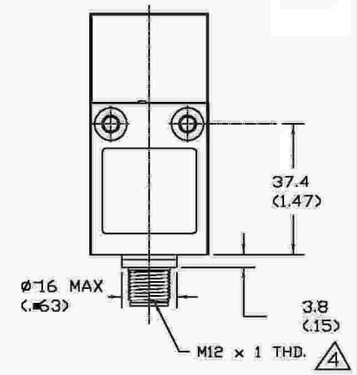
BODY STYLE 'A'



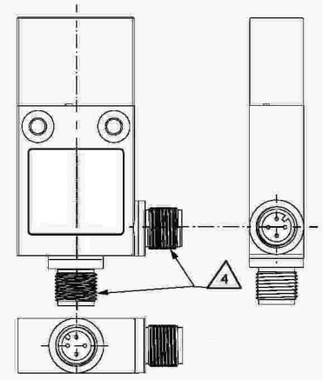
BODY STYLE 'C' 8

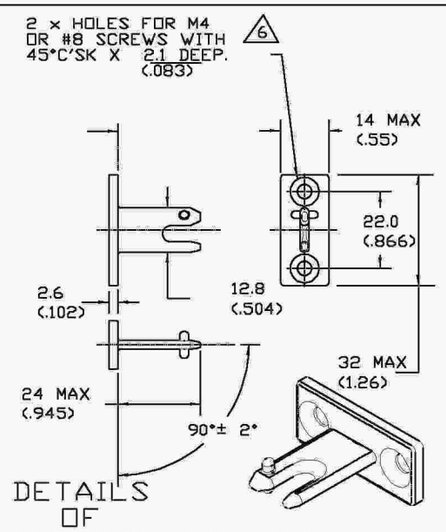


BODY STYLE 'D' 8



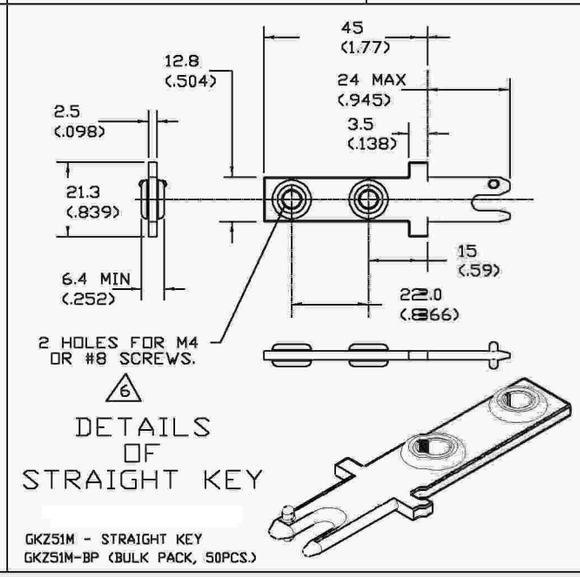
BODY STYLE "E"





DETAILS OF 90° KEY

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



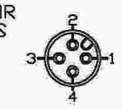
DETAILS OF STRAIGHT KEY

GKZ51M - STRAIGHT KEY
GKZ51M-BP (BULK PACK, 50PCS.)

SWITCH DIAGRAMS

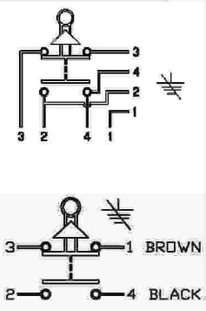
N.B. SWITCHES SHOWN IN KEY-IN POSTION.

CONNECTOR PIN-OUTS

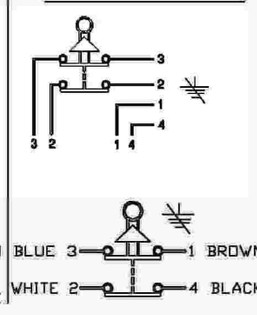


MALE 4

SWITCH TYPES 3 & 9



SWITCH TYPES 6 & 7



ELECTRICAL RATINGS FOR BODY STYLE A, B, C, D

STANDARD Ag CONTACTS AC Ue	AC Ie	DC Ue	DC Ie
B300	AC15	Q300	DC13
120	3	125	0.55
240	1.5	250	0.27

I_{th}=5A U_i =500V U_{imp} =2.5KV

Au PLATE CONTACTS: I_{th} = 5A; 1V 10uA MIN.; 50V 100mA MAX.

ELECTRICAL RATINGS BODY STYLE "E"

STANDARD Ag CONTACTS	Au PLATED CONTACTS
30VDC, 2A MAX	1VDC 10uA MIN
	30VDC 100mA MAX
I_{th} = 2A	I_{th} = 2A

ENVIRONMENTAL

IP67 NEMA 1,12,13
TEMP RANGE : -25°C TO 85°C, -13°F TO 185°F
STORAGE : -40°C TO 85°C, -40°F TO 185°F
SHOCK : 50G PER IEC 68-2-27
VIBRATION : 10G PER IEC 68-2-6

APPROVALS

EN60947-5-1

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
	M.LOCH
11	0015193
	KRB
12	0027801
	MST 24JAN07
13	0039389
	KRB. 03MAY08

DRAWN	M. LOCH	11/96		
CHECK	J. BOYD	11/96		
DESIGN	J. BOYD	11/96		
AUTHOR'N	P.TRICKETT	11/96		

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MODIFY ON CAD SYSTEM ONLY

ISSUE 13 | RELEASE No. A020-12 | DRAWING NUMBER M | REPLACES MTG-GK-207

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THIRD ANGLE PROJECTION

SCALE -

DIMENSIONS ARE IN MM/INCHES.