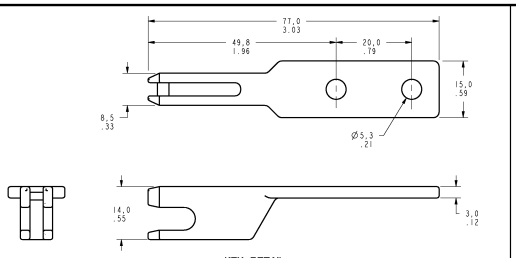
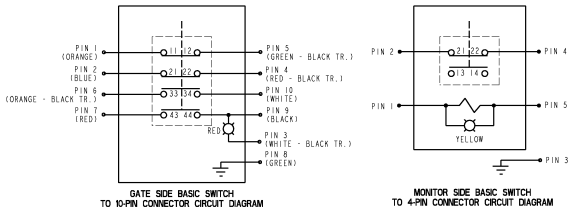


KEY DETAIL
SCALE 2:1



GATE SIDE BASIC SWITCH
TO 10-PIN CONNECTOR CIRCUIT DIAGRAM

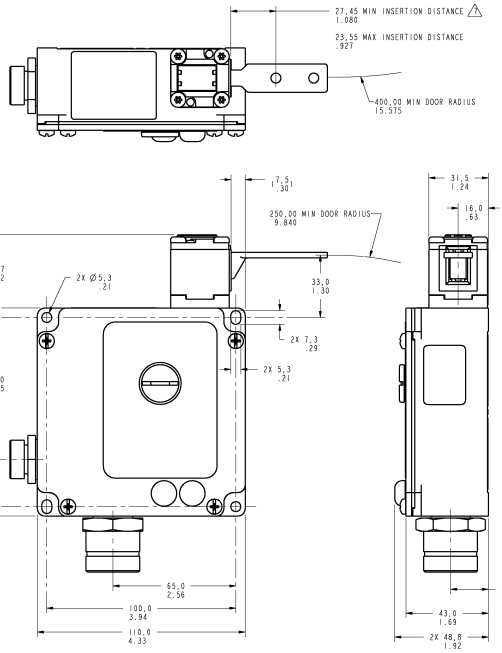
MONITOR SIDE BASIC SWITCH
TO 4-PIN CONNECTOR CIRCUIT DIAGRAM

DIAGRAMS SHOWN WITH KEY INSERTED AND LOCKED

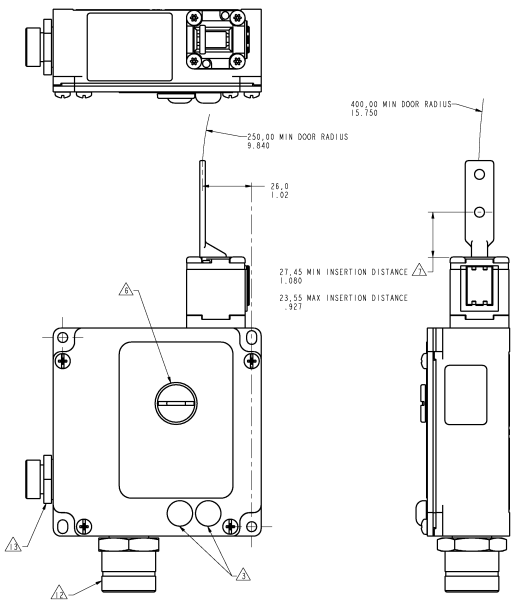
GKRA14M6A4-FW

ELCTRICAL RATING 9		ENVIRONMENTAL RATINGS	APPROVALS
AC		IP68 NEMA 1, 4, 6P, 12 & 13	
Q300 Ue	AC 15 Ie	TEMP RANGE -25°C TO 40°C -13°F TO 104°F	
(VOLTS)	(AMPS)	STORAGE -40°C TO 120°C -40°F TO 248°F	
120	6	SHOCK: 50G PER IEC 68-2-27 VIBRATION: 10G PER IEC 68-2-6	
Ith = 10 A			BG PENDING IEC 947-5-1 EN60947-5-1

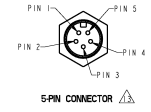
NOTES
1 - ZINC DIECAST BODY AND HEAD WITH STEEL COVER. BODY, HEAD AND COVER FINISHED WITH EPOXY PAINT
2 - PROVIDED WITH PLASTIC SNAP FIT COVER TO PLUG UNUSED KEY ENTRY WINDOW
3 - THE LEFT INDICATOR IS GREEN AND THE RIGHT INDICATOR IS RED.
4 - MAXIMUM OPERATING FREQUENCY (fmax) = 100 OPS/MIN
5 - INSERTION FORCE = 35 N
8 LB
EXTRACTION FORCE = 28 N
6 LB
MAXIMUM SOLENOID LOCKING FORCE = 1000 N
224 LB
6 - ROTATE 1/4 TURN COUNTERCLOCKWISE TO UNLOCK DEVICE, SOLENOID UNLOCK.
7 - SWITCH MUST OPERATE BEFORE REACHING MINIMUM INSERTION DISTANCE
8 - T-15 TAMPERPROOF TORX DRIVER BIT PROVIDED
9 - ELECTRICAL RATINGS ARE FOR BASIC SWITCHES AND INDICATION LEDS
10 - MINIMUM SOLENOID VOLTAGE = 80% DC / 85% AC OF RATED VOLTAGE
MAXIMUM SOLENOID VOLTAGE = 110% OF RATED VOLTAGE
SOLENOID POWER = 12 WATTS NOMINAL
11 - NO CHANGES CAN BE MADE TO THIS DRAWING WITHOUT JOINT FREEPORT / NEWHOUSE APPROVAL
12 - 10-PIN CONNECTOR, BRAD HARRISON PART NO. 47205-22 OR EQUIV.
13 - 5-PIN CONNECTOR, BRAD HARRISON PART NO. 41310 OR EQUIV.



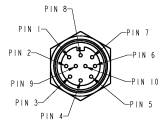
RIGHT KEY ENTRY



TOP KEY ENTRY



5-PIN CONNECTOR 13



10-PIN CONNECTOR 12

THIRD ANGLE PROJECTION
SCALE FULL
DO NOT SCALE PRINT
TOLERANCES
APPLY TO DECIMAL DIMENSIONS ONLY UNLESS OTHERWISE SPECIFIED
REFERENCE DIMENSIONS ARE FOR REFERENCE ONLY
DESIGN UNITS MM X IN CUSTOMARY
WEIGHT 1,5 kg /3,3 LB

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FSC MFG. CODE 91929
MICRO SWITCH a Honeywell Division

SWITCH - DOOR INTERLOCK

CATALOG LISTING
GKRA14M6A4-FW

ANSI Y14.5M-1982 APPLIES

PTC/CAD
MAR 13 MAR 93 ENGR
JAN 3 JUN 93 ENGR
REVISIONS
PREPARED FOR RELEASE
ENGR
SHEET NUMBER 1 OF 1
DRAWING NUMBER GKRA14M6A4-FW
REVISION NO. PB-72047
DATE
DR

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