

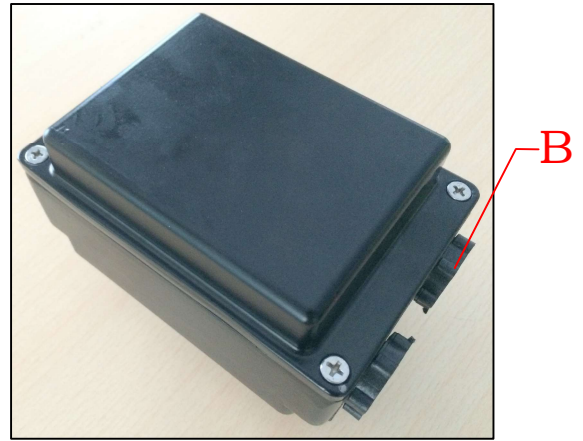
# KENWOOD VALVE CONTROLS (INDIA) PRIVATE LIMITED

## 007L Series Limit Switch Box With Aluminium enclosure For Gate or Globe Valves/Actuators & Cylinders

### Product Information

#### Main Features:

- A. Pressure die cast Aluminium body (FRP/SS optional).
- B. 2 No's of Conduit entries.
- C. Tool-free spring loaded quick cam adjustment.
- D. Prewired terminal strip.
- E. Optional terminal strip for Solenoid valve wiring.
- F. PCB for compactness.



#### CERTIFICATIONS:

- >> Dust and watertight Protection IP-67 as per IEC 60529
- >> CE certified
- >> SIL-3 Certified, Usable upto SIL level-3

#### Model/part coding:

Position---[1|2|3|4|5|6|7|8|9]

1 Unit 007L= Series

2 Shaft type  
A= Kenwood standard (Standard)  
B= Non-Namur shaft (custom built)  
C= Kenwood standard with torsion spring

3 No of cable entry & connections  
A= 2 x 1/2" NPT  
B= 2 x PG13.5  
C= 2 x M20x1.5  
E= 2 x 3/4" ET  
F= 2 x 9pin connector (to suit 11 to 18mm Cable OD)  
G= 1 x 9pin connector (to suit 11 to 18mm cable OD)

4 Switch type  
01= Honeywell V15T10EZ200A05 SPDT 24VDC 6A/ 110VDC 0.5A/ 250VAC 10A mechanical\*  
02= P&F NBB2-V3-E2 Proximity 3 wire PNP NO 10-30VDC\*  
05= P&F NBB3-V3-Z4 Proximity 2 wire NO 5-60 VDC\*  
06= P&F NBB3-V3-Z5 Proximity 2 wire NC 5-60 VDC\*  
07= P&F NBN4-12GM40-Z0 Proximity 2 wire NO 6-60 VDC (Preferred model for 24VDC-2wire)\*\*  
12= P&F NBN4-12GM50-E2 Proximity 3 wire PNP NO 10-30 VDC (Preferred model for 24VDC-3wire)\*\*  
13= P&F NBN4-12GM50-E0 Proximity 3 wire NPN NO 10-30 VDC\*\*  
14= P&F NJ4-12GM50-WS Proximity 2 wire NO 20-253 VAC\*\*  
16= P&F NJ4-12GM-N Proximity 2 wire EEx ia certified NAMUR\*\*  
18= P&F NJ2-V3-N Proximity 2 wire EEx ia certified NAMUR\*  
20= P&F SJ3.5-N Proximity 2 wire EEx ia certified\*\*  
22= P&F NJ5-18GM-N Proximity 2 wire EEx ia certified NAMUR\*\*  
24= P&F NBB4-F1-US Proximity 2 wire NO-- 20-250 VAC/VDC\*  
25= IFM make IF-5719 Proximity 2 wire NO 10-30 VDC\*\*  
27= Jai Balaji microswitches model JMS-IRS 250VAC 10A mechanical\*  
28= P&F NBB2-12GM40-Z0 Proximity 2 wire NO 5-60 VDC\*\*  
29= P&F NBB5-18GM40-Z0 Proximity 2 wire NO 5-60 VDC\*\*  
30= Rochwell-872C-D3NE12-A2 Proximity 2 wire NO 10-30 VDC\*\*  
31= Omron-E2E-X3D1-N-2M Proximity 2 wire NO 10-30 VDC\*\*  
36= P&F NBB2-V3-US proximity 2 wire 10-140 VDC\*  
53= Honeywell V15S05CZ100A0501 SPDT 24VDC 0.2A/ 250VAC 5A Mechanical\*  
\*Max 4 Switches/Sensors possible  
\*\*Max 2 Switches/Sensors possible

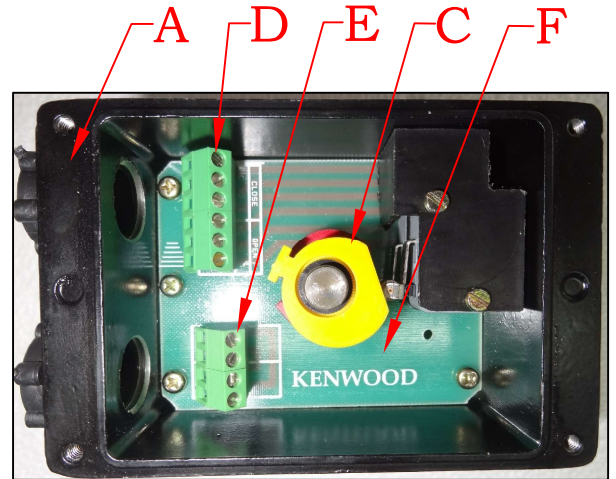
5 Switch Qty  
1= 1No  
2= 2No  
3= 4No

6 Stroke  
5=L5 (from 50 upto 175mm)    10=L10 (from 376 to 425mm)    15=L15 (from 626 to 675mm)  
6=L6 (from 176 to 228mm)    11=L11 (from 426 to 475mm)    16=L16 (from 676 to 725mm)  
7=L7 (from 229 to 275mm)    12=L12 (from 476 to 525mm)    17=L17 (from 726 to 775mm)  
8=L8 (from 276 to 325mm)    13=L13 (from 526 to 575mm)  
9=L9 (from 326 to 375mm)    14=L14 (from 576 to 625mm)

7 Optional terminal strip for SV connection  
1= Not required  
2= Required (Not possible when switch Qty is 4no's)

8 Body material  
Nil= Aluminium  
F= FRP  
S= SS

9 Cable Entry Fittings  
Nil= Both cable entries are fitted with plastic dust caps  
CP1= One fitted with Metal blind plug & another one fitted with plastic dust cap  
CP2= Both cable entries are fitted with Metal blind plug  
CG1= One fitted with Brass Nickel plated cable gland & another one fitted with plastic dust cap  
CG2= Both cable entries are fitted with Brass Nickel plated cable gland  
PACG1= One fitted with Polyamide cable gland & another one fitted with plastic dust cap  
PACG2= Both cable entries are fitted with Polyamide cable gland



#### Example (Item coding/Ordering code)

007L[A][A][18][2][1][1]----Linear limit switch box with Kenwood std Shaft, 2no 1/2"NPT(F) cable entry, 2no P&F NJ2-V2-N sensors, with L2 lever (for valve stroke length up to 70mm), without optional SV terminals, with Aluminium enclosure, and both cable entries fitted with plastic dust caps.

Catalogue:007L/2022/11

Rev : 00

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**Dimensions (mm)**

**For Drawing Contact Factory**

Drawing is not to scale

Product design and specification may change without notice.

**KENWOOD VALVE CONTROLS (INDIA) PRIVATE LIMITED**

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