

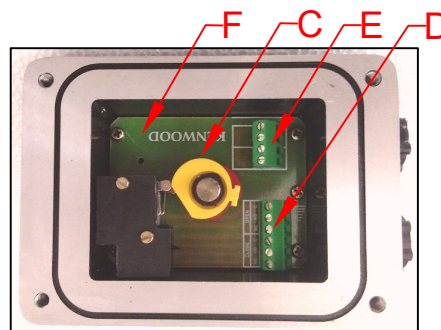
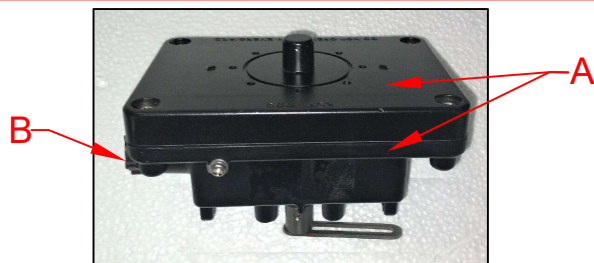
KENWOOD VALVE CONTROLS (INDIA) PRIVATE LIMITED

009L & 008L Series Flame Proof Limit Switch Box For Gate or Globe Valves/Actuators & Cylinders

Product Information

Main Features:

- A. Pressure die cast aluminium Body & cover (SS optional).
- B. 1/2" NPT; M20x1.5 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.
- G. Fool proof design with wrong assembly protection.



Model/part coding:

Position---[1][2][3][4][5][6][7][8][9][10][11][12]

1--Unit 008L= Series 009L= Series	2--Shaft Type A= Namur shaft-standard B= Non-Namur shaft(custom built) C= Namur shaft-Long spindle	3--No. of Cable Entry & Connection A= 2 x 1/2" NPT C= 2 x M20x1.5
--	--	--

4--Switch/Sensor Type 01= Honeywell V15T10EZ200A05 SPDT 250VDC 0.25A/250VAC 10A mechanical** 05= P&F NBB3-V3-Z4 Proximity 2 wire NO 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)** 18= P&F NJ2-V3-N Proximity 2 wire EEx ia certified NAMUR** 71= P&F NCB2-V3-N0 Proximity 2wire EEx ia certified NAMUR** 23= Others(specify) 32= Honeywell model ZM90G20F01, SPDT mechanical switch, 250VAC for 2NO+2NC only* 53= Honeywell V15S05CZ100A0501 SPDT 24VDC 0.2A/ 250VAC 5A Mechanical** * 4 Switches/Sensors possible **Max 2 Switches/Sensors possible	5--Switch Qty 1= 1No 2= 2No 3= 4No
--	--

NOTE : For remaining switch/Sensor codes ref Switch/Sensor code table in 2nd page of this catalogue.

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 A=Aluminium (ADC12) (Standard) B=Aluminium-LM6 C=SS304(CF8) D=SS316(CF8M)	9--Gasket / Oring Seal Material S=Silicon(Std) N=Nitrile(Optional) E=EPDM(Optional)	10--Spindle Material A=SS304(Std) B=SS316(Optional)	11--Cable Entry Fittings A=Both cable entries are fitted with plastic cap(to be replaced with certified fittings) B,C..... consult factory.	12--Certification Code B= ERTL IIA & IIB (only for 008 series) N= ERTL IIA, IIB & IIC (only for 009 series) E= ATEX IIB & IIIC(only for 009 series) F= ATEX IIC & IIIC(only for 009 series) P= PESO IIC(only for 009 series) G= PESO IIC + SIL-3 (only for 009 series) H= SIL-3 (only for 009 series) J= ATEX IIB & IIIC + SIL-3 (only for 009 series) K= ATEX IIC & IIIC + SIL-3 (only for 009 series)
--	---	--	--	---

Example of model no: Below model represents 009L series switch box with indicator cover with standard NAMUR shaft and with 2no of 1/2" NPT cable entries, with 2no of Honeywell micro switch model V15T10-EZ200-A05 and with L2 lever(for valve stroke length up to 70mm), without SV terminals in Aluminium (ADC12) enclosure and with nitrile gaskets/O rings, with SS304 spindle and cable entries fitted with plastic dust caps and enclosure certified to IIB & IIIC application.

009L[A][A][01][2][1][1][A][S][A][A][E]

Catalogue: FLP/LINEAR/KGV/2023/04

Rev No : 00

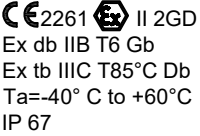
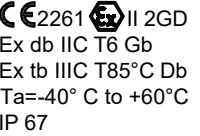
Page no : 01 of 03

KENWOOD VALVE CONTROLS (INDIA) PRIVATE LIMITED

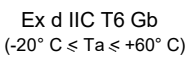

009L & 008L Series Flame Proof Limit Switch Box For Gate or Globe Valves/Actuators & Cylinders

Protection / Product Marking for Limit Switch Box:


Marking for ATEX Limit Switch Box(Only for 009 series)

	OR	
Applicable standards EN 60079-0:2018, EN 60079-1:2014 & EN 60079-31:2014		


Marking for PESO Limit Switch Box (Only for 009 series)

	 IS/IEC-60079-1 CM/L-6800106310
Applicable standards IS/IEC 60079-1 : 2014,	

Marking for Non ATEX Limit Switch Box (Only for 009 series)

 IS/IEC-60079-1 CM/L-6800106310	Ex d IIC T6 Gb (-20° C ≤ Ta ≤ +60° C)
Applicable standards IS/IEC 60079-0:2011, IS/IEC 60079-1:2014,	

Marking for Non ATEX Limit Switch Box (Only for 008 series)

 IS/IEC-60079-1 CM/L-6800106310	Ex d IIA IIB T6 Gb (-20° C ≤ Ta ≤ +60° C)
Applicable standards IS/IEC 60079-0:2017, IS/IEC 60079-1:2014,	

Switch / Sensor codes (Position 4 of model / Part coding)

4--Switch/Sensor Type

- | | |
|--|---|
| <p>01= Honeywell V15T10E2200A05**
 02= P&F Proximity sensors model NBB2-V3-E2**
 03= P&F Proximity sensors model NBB2-V3-E3**
 04= P&F Proximity sensors model NBB2-V3-E0**
 05= P&F Proximity sensors model NBB3-V3-Z4**
 06= P&F Proximity sensors model NBB3-B3-Z5**
 07= P&F Proximity sensors model NBN4-12GM40-Z0**
 08= P&F Proximity sensors model NCN4-12GM40-Z0**
 09= P&F Proximity sensors model NCN4-12GM40-Z1**
 10= P&F Proximity sensors model NJ4-12GM40-E2**
 11= P&F Proximity sensors model NJ4-12GM40-E**
 12= P&F Proximity sensors model NBN4-12GM50-E2**
 13= P&F Proximity sensors model NBN4-12GM50-E0**
 14= P&F Proximity sensors model NJ4-12GM50-WS**
 15= P&F Proximity sensors model NJ4-12GM50-WO**
 16= P&F Proximity sensors model NJ4-12GM-N**
 17= P&F Proximity sensors model NJ4-12GK-N**
 18= P&F Proximity sensors model NJ2-V3-N**
 19= P&F Proximity sensors model NJ4-12GK-SN**
 20= P&F Proximity sensors model SJ3.5-N**
 21= P&F Proximity sensors model SJ3.5-SN**
 22= P&F Proximity sensors model NJ5-18GM-N**
 24= P&F Proximity sensors model NBB4-F1-US**
 25= IFM Proximity sensors model IF5719**
 26= IFM Proximity sensors model IN-0073**
 27= Jai Balaji microswitches model JMS-IRS*
 28= P&F Proximity sensors model NBB2-12GM40-Z0**
 29= P&F Proximity sensors model NBB5-18GM40-Z0**
 30= Rockwell Proximity sensors model 872C-D3NE12-A2**
 31= Omron Proximity sensors model E2E-X3D1-N-2M**
 32= Honeywell microswitches model-ZM90G20F01*
 33= P&F Proximity sensors model NBB5-18GM50-E2**
 34= P&F Proximity sensors model NBB5-18GM50-E3**
 35= Omron Microswitch model-D3V-115M-1A5**
 36= P&F Proximity sensors model NBB2-V3-US**
 37= P&F Proximity sensors model NBB3-V3-Z4-3G-3D**
 38= Kaycee microswitch**
 39= Jayashree Proximity sensors model SW 4053 NO D6 B12x40-FT**
 40= P&F Proximity sensors model NBB2-F1-US**</p> | <p>41= AG electronics**
 42= P&F Proximity sensors model NCB2-12GM40-Z0**
 43= Honeywell microswitches model V15T16-EZ200-A05**
 44= Honeywell microswitches model-1HM1**
 45= TEKNIC microswitches model MS31MCO 4.8 09**
 46= P&F Proximity sensors model NBN8-18GM40-Z0**
 47= P&F Proximity sensors model NJ5-18GK-N**
 48= Jayashree Proximity sensors model SW4055-NO-A4-BF12x40-FT**
 49= P&F Proximity sensors model NCB5-18GM40-Z0**
 50= P&F Proximity sensors model NJ8-18GM-N**
 51= Honeywell microswitches model V15T16-MZ200-A05**
 52= Omron Proximity sensors model E2E-X7D1-N-2M**
 53= Honeywell microswitches model V15S05-CZ100-A05-01**
 54= OMRON Proximity sensors model E2E-X7T1 2M**
 55= P&F proximity sensor NBN8-12GM50-E2**
 56= IFM Proximity sensors model IS5026**
 57= P&F Proximity sensors model NCB8-18GM50-Z4**
 59= P&F Proximity sensors model NCB2-12GM35-NO**
 60= P&F make proximity sensor model NJ2-12GK-SN**
 61= P&F make proximity sensor model NJ2-11-N-G-5M**
 62= P&F make proximity sensor model NCB4-12GM35-Z4**
 64= P&F make proximity sensor model NJ2-12GM-N**
 65= P&F make proximity sensor model NCB5-18GM40-Z1**
 66= P&F make proximity sensor model NBB2-12GM50-E2**
 67= P&F make proximity sensor model NCB4-12GM40-NO**
 68= P&F make proximity sensor model NCB8-18GM40-NO**
 69= P&F Proximity sensors model NJ5-18GK-SN**
 70= IFM Proximity sensors model IS0003**
 71= P&F make proximity sensor model NCB2-V3-NO**
 72= P&F make proximity sensor model NBB3-V3-Z5**
 73= P&F make proximity sensor model NCN4-12GM35-NO**
 74= P&F make proximity sensor model NJ2-12GM40-E2**
 75= IFM make inductive proximity sensor model NS5003**
 76= P&F Proximity sensors model NBB8-18GM60-US**
 77= P&F Proximity sensors model SJ3.5-S1N**
 78= P&F Proximity sensors model NJ3-18GK-S1N**
 79= P&F Proximity sensors model NRB8-18GH40-E2**
 80= Omron Subminiature Snap Action Switch model SS-GL2*
 81= Schneider make proximity sensor XS518B1PAL2**
 82= P&F Proximity sensors model NBB4-12GM50-A2**</p> |
|--|---|

NOTE:

* 4 Switches/ Sensors possible

**Max 2 Switches/Sensors possible

Catalogue: FLP/LINEAR/KGV/2023/04

Rev No : 00

Page no : 02 of 03

Dimensions (mm)

For Drawing Contact Factory

Product design and specification may change without notice.

KENWOOD VALVE CONTROLS (INDIA) PRIVATE LIMITED

An ISO 9001 Certified Company
C-217, MT sagar Industrial Estate,
Gokul Road, Hubli-580030(INDIA).
Telefax: +91-836-2232118/2333118
Mob: +91-7349132241
E-mail: preorders@kenwoodvalvecontrols.com
Website: www.kenwoodvalvecontrols.com

Catalogue: FLP/LINEAR/KGV/2023/04

Page no : 03 of 03