

UP Series Single Board Mount Pilot Lights

Mounts on the same panel as LB/LBW series





- Three illumination colors: Green (G), red (R), and white (W)

Specifications

Color Code	Red (R), White (W)	G (Green)
Rated Current (I)	7mA	2mA
Maximum Current (I _a : 25°C)	Reverse Voltage (V _R)	9V
	Operating Temperature (T _{opr})	-25 to +55°C (no freezing)
	Storage Temperature (T _{stg})	-30 to +80°C (no freezing)
Forward Voltage (V _f)	Standard value: 2V (I _f =7mA)	Standard value: 2.7V (I _f =2 mA)
Dielectric Voltage	Between live and dead parts: 500V AC, 1 minute	
Weight (approx.)	4.3g (UP8-89V1), 5.1g (UP8-89V2)	



UP Series

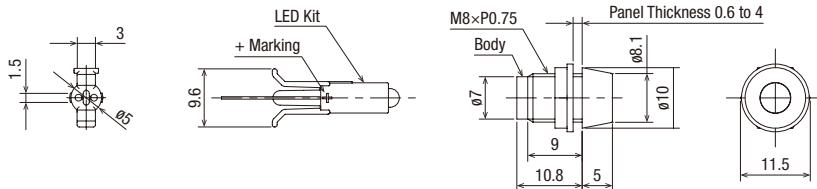
Mounting Hole Size	Shape	Degree of Protection (IEC 60529)	Mountable Unit	Part No.	Ordering No.	Illumination Color Code	Package Quantity
ø8 UP8  With standard bezel  With flush bezel	Shroud	IP40	Standard Bezel	UP8-89V1*	UP8-89V1*PN10	Specify the color code in place of * in the Part No. G: green R: red W: white	10
			Flush Bezel	UP8-89V2*	UP8-89V2*PN10		10
ø9 UP9P  	Shroud	IP65	Standard bezel Flush bezel	UP9P-99V1*	UP9P-99V1*PN10		10

- LED cannot be replaced.

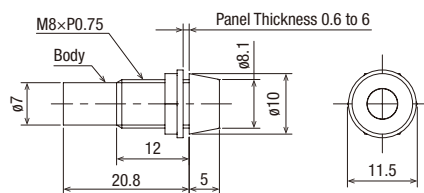
Note: Connect an external current limiting resistor in series. Otherwise, the LED may be damaged.

Dimensions

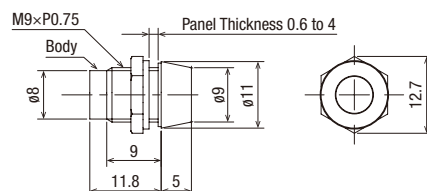
All dimensions in mm.



UP8-89V1

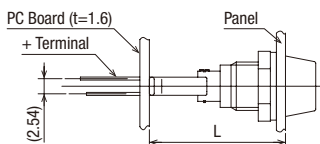


UP8-89V2



UP9P-99V1

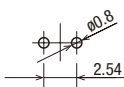
[Assembly Drawing]



Dimensions (L)

Standard Bezel	22.5mm
Flush Bezel	29.9mm

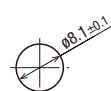
PC Board Mounting Hole



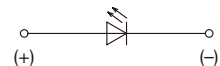
Panel Cut-out

UP8

UP9P



Internal Circuit



The longer pin is the positive terminal