APEM

Circuit Protectors

Power Supplies

LED Illumination

Controllers

> Sensors AUTO-ID

Control Boxes

Emergency
Stop Switches

Enabling
Switches

Safety Products

Explosion Proof

Terminal Blocks

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

Specifications						
Color Code		Red (R), White (W)	G (Green)			
Rated Current (I)		7mA	2mA			
Maximum Current (Ta: 25°C)	Reverse Voltage (V _R)	9V	5V			
	Operating Temperature (Topr)	-25 to +55°C (no freezing)				
	Storage Temperature (T _{stg})	-30 to +80°C (no freezing)				
Forward Voltage (V _f)		Standard value: 2V (If=7mA)	Standard value: 2.7V (If=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
With standard bezel With flush bezel	el Shroud	ID40	Standard Bezel UP8-89V1*	UP8-89V1*PN10	Specify the color code	10	
	Silloud	IP40	Flush Bezel	UP8-89V2*	UP8-89V2*PN10	in place of * in the Part No. G: green	10
Ø9 UP9P	Shroud	IP65	Standard bezel Flush bezel	UP9P-99V1*	UP9P-99V1*PN10	R: red W: white	10

• LED cannot be replaced.

Dimensions

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

Flush Silhouette

ø16 ø22

Miniature

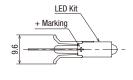
ø30

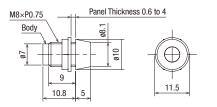
	Pilot Lights
	CW
[Assembly Drawing]	LW-F

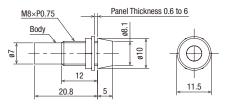
LBW

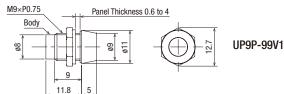
LB

Flush Bezel









Nimensions (L.)

PC Board (t=1.6)

Difficition (L)				
Standard Bezel	22.5mm			
Flush Bezel	29.9mm			

PC Board Mounting Hole



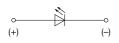
Panel Cut-out

UP8 UP9P





Internal Circuit



The longer pin is the positive terminal

All dimensions in mm.

UP8-89V1

UP8-89V2