



# ROUND WATERPROOF TYPE LED INDICATOR



## FEATURES

■Water-proof structure

Each type offers superior water-proof performance (IP65) to ensure the reliable use.

■Broad range of models

The available types range from 10 to 30 mm in diameter, which matches each application.

## SPECIFICATIONS (RATINGS, PERFORMANCE)

Specification	Type	WMP	WSPA	HXL-WPR	JXL-WPR	PXL-WPR
Rated insulation voltage (UI)		250V				
Mounting hole size		$\phi 10.1^{+0.2}_{-0}$	$\phi 16.2^{+0.2}_{-0}$	$\phi 22.3^{+0.4}_{-0}$	$\phi 25.5^{+0.5}_{-0}$	$\phi 30.5^{+0.5}_{-0}$
Screw size		Faston tab #110	M3×6	M3.5×8	M3.5×8	M3.5×8
Rated current		8mA	6mA	11mA	11mA	11mA
Lightning impulse		$\pm 4.5kV$	$\pm 7kV$			
		3 times for each pole (1.2/50µs) (Whole live part to mounting panel)				
Recognition distance		10m (1,000 LX in illuminance on applicable panel)				
Power-frequency withstand voltage		2,000V AC		2,500V AC		
		1 min.				
Operating temperature		-20 to 55°C	-25 to 55°C	-20 to 40°C		
Storing temperature		-25 to 75°C	-40 to 75°C	-25 to 65°C		
Altitude		2,000 m max.				
Degree of protection		IP65				
Weight		15g	15g	20g	25g	30g

# PILOT LAMP & INDICATOR

## HOW TO ORDER

[WMP type]

### WMPH-110-R-B (S)

Basic type

Supply voltage

Code	Voltage	Code	Voltage
005	5V AC / DC	048	48V AC / DC
012	12V AC / DC	063	63.5V AC / DC
024	24V AC / DC	110	100 / 110V AC / DC

Frame color

Code	Color
B	N1.5

Lens color

Code	Color	Code	Color
R	Red	W	Milky white
*G	Green	O	Orange
*BL	Blue		

\* G (Green) and BL (Blue) are not available for 5V products.

Lens type

Code	Type
(S)	Round type

[WSP type]

### WSPA-AC110-O-B (S)

Basic type

Supply voltage

Code	Voltage	Code	Voltage
DC012	12V DC	AC024	24V AC
DC024	24V DC	AC048	48V AC
DC110	100 / 110V DC	AC063	63.5V AC
DC125	125V DC	AC110	100 / 110V AC
DC220	220V DC	AC220	200 / 220V AC
		AC240	240V AC

\* 220V DC and 240V AC are special voltage spec.

Frame color

Code	Color
B	N1.5

Lens color

Code	Color	Code	Color
R	Red	W	Milky white
G	Green	C	Clear
Y	Yellow	BL	Blue
O	Orange		

Lens type

Code	Type
(S)	Round type

[HXL · JXL · PXL type]

### HXL-110-RB (S) -WPR

Basic type

Code	Mounting hole (φ)
HXL	22
JXL	25
PXL	30

Display color

Code	Color	Code	Color
R	Red	G	Green
O	Orange	Y	Yellow <sup>*2</sup>
W	Milky white	B	Blue <sup>*2</sup>
		P	Pure white <sup>*2</sup>

\*2 Y, B and P are special spec.

Frame color

Code	Color
B	Black (N1.5)
CR	Chrome <sup>*3</sup>

\*3 Chrome is only for PXL.

Lens type

Code	Type
(S)	Round type

Waterproof

Code	Specification
(None)	Standard
WPR	Waterproof

Supply voltage

Code	Voltage	Code	Voltage
024	24V AC / DC	125	125V AC / DC
048	48V AC / DC	220	200 / 220V AC / DC
110	100 / 110V AC / DC	240	240V AC / DC <sup>*1</sup>

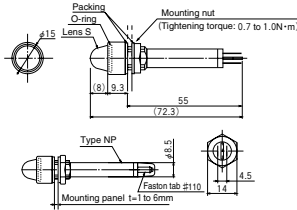
\*1 240V AC/DC is available only for HXL type (special voltage).



# ROUND WATERPROOF TYPE LED INDICATOR

## STANDARD PRODUCTS

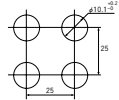
### WMPH (φ10)



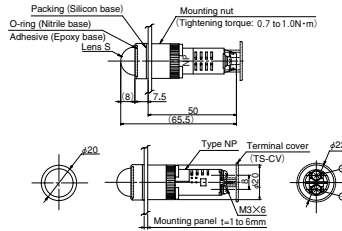
● Applicable accessories

- LED lamp **TMP-LEDH**   
 Lens **WMP Lens S**   
 Tightening tool **TMP-Q**

● Mounting hole size



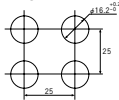
### WSPA (φ16)



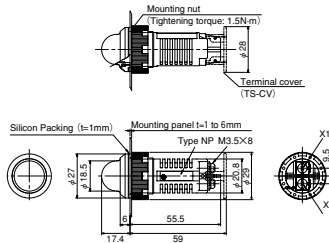
● Applicable accessories

- LED lamp **TS-LEDA**   
 Lens **WS-Lens S**   
 Tightening tool **Tightening jig F**  
 Protective cover **TS-CV**

● Mounting hole size



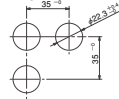
### HXL-WPR (φ22)



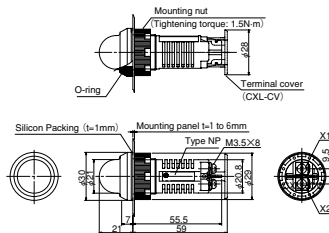
● Applicable accessories

- LED lamp **HXL-LED**    
 Lens **HXL-LENS**  (S)-WPR  
 Tightening tool **CXL30-Q**  
 Removing tool **XL-NQ**  
 Terminal cover **CXL-CV**

● Mounting hole size



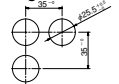
### JXL-WPR (φ25)



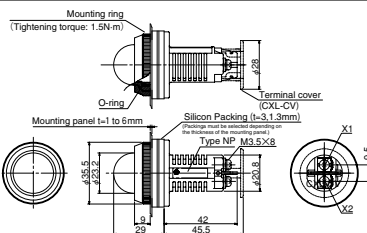
● Applicable accessories

- LED lamp **PXL-LED**    
 Lens **JXL-LENS**  (S)-WPR  
 Tightening tool **CXL30-Q**  
 Removing tool **XL-NQ**  
 Terminal cover **CXL-CV**

● Mounting hole



### PXL-WPR (φ30)



● Applicable accessories

- LED lamp **PXL-LED**    
 Lens **PXL-LENS**  (S)-WPR  
 Removing tool **XL-NQ**  
 Terminal cover **CXL-CV**

● Mounting hole

