

SPECIFICATIONS

[General Specifications]

Product Name		IO-Link Signal Light								
Model		NE-ILNB-M		NE-ILTB-M		NE-ILXB-M				
Rated Voltage		24V DC								
Operating Voltage Range		18V DC - 30V DC								
Rated Current	Typ.	80mA								
	Max.	100mA								
Rated Power	Typ.	2.0W								
	Max.	2.4W								
Inrush Current		Less than 10A / 0.2msec								
Operating Ambient Temperature		-25℃ to +60℃								
Operating Ambient Humidity		Less than 90% (No condensation)								
Storage Ambient Temperature		-40℃ to +75℃								
Storage Ambient Humidity		Less than 90% (No condensation)								
Mounting Location		Indoor								
Mounting Direction		Upright								
Protection Rating		IP65、NEMA TYPE 4X, 13								
Environmental Condition		Upright								
Insulation Resistance		More than 5MΩ at 500VDC between live part and non-current carrying metallic part								
Withstand Voltage		500VAC applied for 1min between live part and non-current carrying metallic part without breaking insulation								
Sound Pressure Level		Typ. 88dB								
Environmental Condition		Front direction from the center/at 1m Buzzer Sound「Continuous tone」								
Buzzer Sound		1	Continuous tone		5	Continuous tone 500ms ON / 500ms OFF				
		2	Intermittent tone		6	Intermittent tone 500ms ON / 500ms OFF				
		3	High-low tone		7	High-low tone 500ms ON / 500ms OFF				
		4	Sweep sound		8	Sweep sound 500ms ON / 500ms OFF				
Luminous Color		Red / Green / Blue / Amber / Cyan / Purple / White								
Touch Sensor input method		-		Electrostatic Capacitance						
Analog Input Range		-				4mA ~ 20mA				
Digital Input		-				Voltage Contact (NPN/PNP Transistor)				
Mass (Tolerance ±10%)		0.10kg								
Outer Dimensions		Refer to the Outer Dimension Drawing								
Conformity Standards		EMC Directive (EN 61000-6-4, EN 61000-6-2)								
		RoHS Directive (EN 50581)								
		UL 508, CSA-C22.2 No. 14								
		FCC Part 15 SubpartB Class A								
		ICES-003								
		KC (KN 61000-6-4, KN 61000-6-2)								
Remarks		Due to the characteristics of the LED elements, a variation in difference of the color tone and brightness of every product may occur.								
Model Number Configuration		NE - IL <table><tr><td>T</td></tr><tr><td>B</td></tr></table> - <table><tr><td>M</td></tr></table>						T	B	M
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		LED Color M : Multi Color Buzzer B : With Buzzer N : No Buzzer Touch Sensor X : With Touch Sensor/General-Purpose Digital/Analog Input T : With Touch Sensor N : No Touch Sensor								

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[IO-Link Specifications]

Function		LED control, Buzzer control LED Color setting, Dimming setting, Buzzer Sound setting
Communication specification	IO-Link revision	Version 1.1
	Transmission rate	COM2 (38.4 kbps)
	Minimum cycle time	8 ms
	Process data length	2 byte / 2 byte (input from master / output to master)
Vendor ID		763
Device ID		60001

