

Wireless Indicator



K70

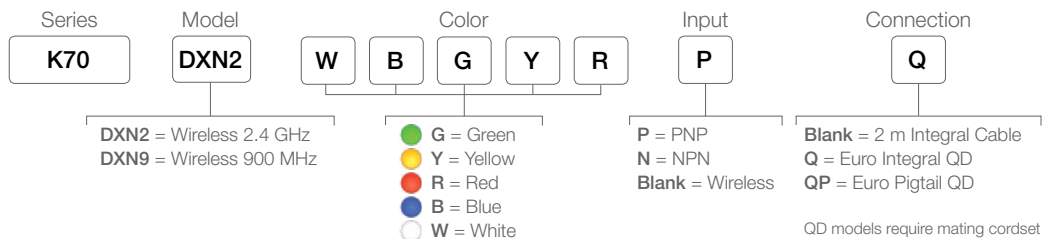
Wireless K70 Indicators are bright, 70 mm multicolored indicators offering increased communication possibilities and greater versatility in deployment.

Key Features:

- Models are available with up to five colors in one device
- Rugged, water-resistant IP65 housing
- SureCross wireless node built into the base
- 900 MHz and 2.4 GHz wireless options
- Input wires can be configured as auxiliary sourcing inputs from external devices or as a 20 Hz, 32-bit event counter

Applications:

- Clean room status indication
- Loading dock status
- High traffic forklift crossing status



K70 Wireless Indicator Light Specifications

Supply Voltage	12 to 30 V dc (Outside the USA: 12 to 24 V dc, ± 10%)	
Supply Protection Circuitry	Protected against transient voltages	
Indicator Response Time	OFF Response: 150 µs (maximum) at 12 to 30 V dc ON Response: 180 ms (maximum) at 12 V dc; 50 ms (maximum) at 30 V dc	
Audible Alarm	2.6 KHz ± 250 Hz oscillation frequency; maximum intensity 92 dB (Audible) and 101dB (Louder Audible) at 1 m (3.3 ft) (typical)	
Indicators	OFF Response: 150 µs (maximum) at 12 to 30 V dc ON Response: 180 ms (maximum) at 12 V dc; 50 ms (maximum) at 30 V dc	
Construction	Bases and cover: polycarbonate	
Operating Conditions	-40 °C to +50 °C (-40 °F to +122 °F) 95% at +50 °C maximum relative humidity (non-condensing)	
Environmental Rating	IEC IP65	
Vibration and Mechanical Shock	Vibration 10 to 55 Hz 0.5 mm p-p amplitude per IEC60068-2-6 Shock 15G 11 ms duration, half sine wave per IEC60068-2-27	
Radio Range	900 MHz, 1 W: Up to 3.2 km (2 miles)	2.4 GHz, 65 mW: Up to 1000 m (3280 ft)
Minimum Separation Distance	900 MHz 1 W: 4.57 m (15 ft)	2.4 GHz 65 mW: 0.3 m (1 ft)
Compliance	FCC ID UE3RM1809: This device complies with FCC Part 15, Subpart C, 15.247 IC: 7044A-RM1809	FCC ID UE300DX80-2400 - This device complies with FCC Part 15, Subpart C, 15.247 ETSI EN 300 328 V1.8.1 (2012-06) IC: 7044A-DX8024
Radiated Immunity HF	10 V/m (EN 61000-4-3)	
Spread Spectrum Technology	FHSS (Frequency Hopping Spread Spectrum)	
Link Timeout	Gateway: Configurable via User Configuration Tool (UCT) software	Node: Defined by Gateway

Certifications



Wireless Touch Button



K70

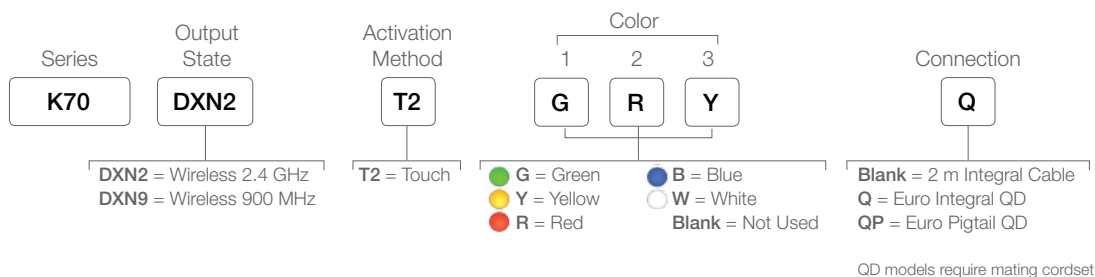
The K70 Wireless Touch Button is an ergonomic solid-state switch with integrated multicolor indication functions and a wireless Node. Bidirectional wireless communication provides a simple operator interface for many industrial applications.

Key Features:

- Bidirectional wireless communication
- Ergonomically designed to eliminate hand, wrist, and arm stresses associated with repeated switch operation; requires no physical force to operate
- Can be actuated with bare hands or in gloves
- Up to three colors in one touch button; momentary and latching versions available
- Excellent immunity to false triggering by water spray, detergents, oils, and other foreign materials

Applications:

- Pick-to-light
- Call button
- General industrial applications



K70 Wireless Touch Button Specifications

Supply Voltage	12 to 30 V dc (Outside the USA: 12 to 24 V dc, ± 10%)	
Supply Current	< 220 mA maximum current at 12 V dc < 110 mA maximum current at 30 V dc	
Supply Protection Circuitry	Protected against transient voltages	
Indicators	1 to 3 colors depending on model: Green, Red, Yellow, Blue, and White LEDs are independently selected	
Indicator Response Time	OFF Response: 150 μs (maximum) at 12 to 30 V dc ON Response: 180 ms (maximum) at 12 V dc; 50 ms (maximum) at 30 V dc	
Construction	Bases and cover: polycarbonate	
Operating Conditions	-40 °C to +50 °C (-40 °F to +122 °F) 95% at +50 °C maximum relative humidity (non-condensing)	
Environmental Rating	IEC IP65	
Vibration and Mechanical Shock	Vibration 10 to 55 Hz 0.5 mm p-p amplitude per IEC60068-2-6 Shock 15G 11 ms duration, half sine wave per IEC60068-2-27	
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