

MEL))

Monitored Edge Link

Applications

- **Rolling Steel Doors**
- **Sectional Doors**
- **Fast-Acting Doors**
- **Motorized Gates**

About MEL...

Monitored Edge Link (MEL) provides a wireless monitored signal transmission from an electrically activated edge sensor to operator controls, eliminating the need to hard wire these devices.

MEL detects the presence and function of a monitored entrapment protection device. Featured LED indicators are included on both units to simplify diagnostics.



MEL-K20
MEL-TX20 and MEL-RX20

TECHNICAL SPECIFICATIONS:

Physical:	
Dimensions - Tx	1.75" w x 4.625" h x 1.75" d (4.4 x 11.7 x 4.4cm)
- Rx	3.75" w x 5.125" h x 2.25" d (9.5 x 13 x 5.7cm)
Weight - Tx	10 oz.
- Rx	6 oz.
Enclosure:	
Color	Black
Material	Polycarbonate
Rating Tx	NEMA4
Mechanical:	
Response Time	
Operating	135 milliseconds
Temperature	
Operating	-40°F to 140°F (-40°C to 60°C)
Frequency	315 MHz
Operating Range	50 ft nominal; 100 ft optimal conditions
Electrical:	
Power Source - Tx	2 AA, 1.5v Lithium
- Rx	12-24v AC/DC nominal
Battery Life	1 year expectancy
Inputs: Tx	2 devices: (1) monitored and (1) non-monitored
Outputs: Rx	
Photo Eye	Pulse stream
Safety Edge	SPDT relay contacts, NO, NC and Com
Knock Out	SPDT relay contacts, NO, NC and Com
Low Battery	SPDT relay contacts, NO, NC and Com
Certifications:	UL325, UL991

FUNCTIONAL BENEFITS:

- Eliminate visible coiled cords or reels
- Meets current UL325 standards for commercial door and gate operators*
- "Backward" compatible with pre-August 29, 2010 UL Listed commercial door operators
- Standard "AA" Lithium batteries simplify replacement and withstand extreme temperatures
- 2 year warranty from date of shipment from our factory
- Use with any edge sensor
- Suitable for indoor or outdoor use
- Monitors the presence and function of a monitored entrapment protection device*
- Connect up to 4 receiver output devices
- Optional coax antenna cable

*when used with a monitored edge sensor as a primary entrapment protection device and a UL325-2010 Listed CDO

