

# Gate Edge Module

GEM-102, GEM-103, GEM-104



## OPERATOR INTERFACE MODULE

Gate Edge Module (GEM) is designed to convert a hard-wired 10K resistive gate sensing edge to a monitored normally closed, 2-wire pulsed, or 4-wire pulsed sensing edge output required by some commercial gate operators. This allows for compatibility with nearly all UL 325 compliant gate operators manufactured after January 2016. GEM is equipped with LED lights that indicate device power or fault conditions. It is easy to install and features a compact size that fits inside the gate operator.



### APPLICATIONS

- Automated gates
- UL listed commercial gate operators manufactured after January 2016

### FEATURES

- Converts a 10K resistive monitored sensing edge to the output required by various gate operators:
  - **GEM-102:** 10K edge to 2-wire pulsed output
  - **GEM-103:** 10K edge to 4-wire pulsed output
  - **GEM-104:** 10K edge to normally closed output
- LED lights indicate device power or fault conditions
- Small profile fits easily inside operator chassis
- Easy to install
- NEMA 4 protection from moisture, dirt, and dust
- UL 325 Recognized Component
- 1-year warranty

610-869-4422  
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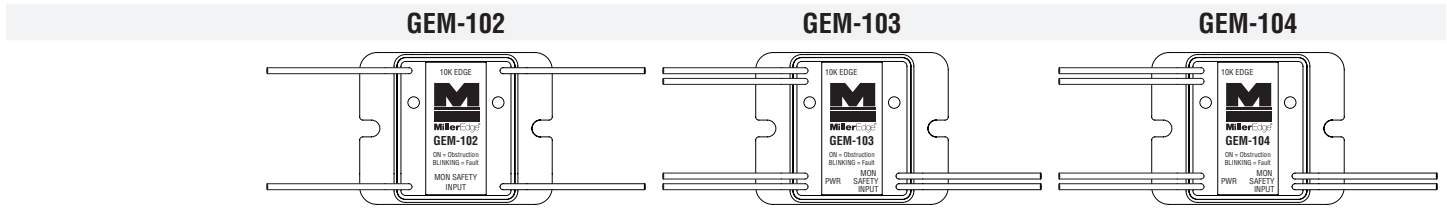
### OPTIONS

- Models:
  - GEM-102
  - GEM-103
  - GEM-104

### RELATED PRODUCTS

- Any Miller Edge 10K resistive monitored sensing edge

### GENERAL SPECIFICATIONS



### PERFORMANCE

Operating Temperature	-35°C to +70°C (-31°F to +158°F)	-35°C to +70°C (-31°F to +158°F)	-35°C to +70°C (-31°F to +158°F)
Agency Approvals	UL 325 Recognized Component	UL 325 Recognized Component	UL 325 Recognized Component

### ELECTRICAL

Power Supply	N/A	8-40 volts DC	8-40 volts DC
Power Source	Photo eye input	Auxiliary power	Auxiliary power
Current Consumption	30 mA	30 mA	30 mA
Input	10K resistive (monitored) sensing edge	10K resistive (monitored) sensing edge	10K resistive (monitored) sensing edge
Output	2-wire pulsed (monitored)	4-wire pulsed (monitored)	Normally closed (monitored)
Relay Rating	Class 2 device	Class 2 device	Class 2 device

### PHYSICAL

Dimensions	1.8"H x 1.25"W x 0.8"D (46 x 32 x 20 mm)	1.8"H x 1.25"W x 0.8"D (46 x 32 x 20 mm)	1.8"H x 1.25"W x 0.8"D (46 x 32 x 20 mm)
Weight	1.6 oz.	1.6 oz.	1.6 oz.
Housing Material	ABS plastic with epoxy potting	ABS plastic with epoxy potting	ABS plastic with epoxy potting
LED Indicators	Power, fault	Power, fault	Power, fault
Degree of Protection	NEMA 4	NEMA 4	NEMA 4



Contact Miller Edge to ensure compatibility.

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