

Monitoring Emitter-Receiver Photo Eyes

Flush Mounting – QPE-TF & RF Series



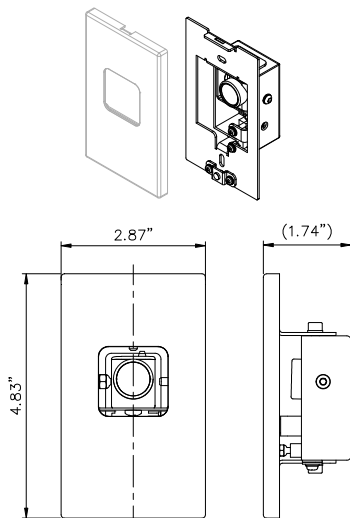
- Single-gang, flush-mount design for a clean, low-profile installation
- Easy-adjust structure for fast and precise emitter/receiver alignment
- Two sensing range options: 20 ft and 50 ft
- Compact design for convenient installation

Part Number	Models
GDAXX-0CGC-A001	QPE-020TF & QPE-020RF
GDAXX-0CGC-B001	QPE-050TF & QPE-050RF

General Specification

Type	Monitoring Emitter-Receiver Photo Eyes
Mounting	Flush Mount
Connection	Lead Wire
Operating Voltage	17–34 VDC
Output Method	Continue Pulse Wave
Consumption Current	30mA
Response Time	20ms
Sensing Distance	QPE-020TF & QPE-020RF: 10–20ft QPE-050TF & QPE-050RF: 10–50ft
Protection Circuit	Over Voltage Protection
Housing Material	PBT
Noise Resistance	2.5KV/1US
Operating Temperature	-13°F to +158°F (- 25°C to +70°C)
Protection Class	NEMA 4 (Photo Eyes Devices Only)
Listing	UL 325
Mounting Location (Under UL 325 Criteria)	The photo eyes should be installed at a location where they can detect the obstruction consisting of a white vertical surface, 6" high by 12" long, centered in the opening perpendicular to the plane of the door when in the closed position.

Dimensions



Wiring Diagram

Wiring to terminal (P5, P6) in the control box of U.S. Gear Operators.

Ex. FS-EP Operator

