

Perimeter Intrusion Detection Systems

G-FENCE – GATE CONNECTOR

Gate Connector for G-Fence – Mounted Intrusion Detection Systems



Overview

The G-Fence Gate Connector easily transfers the G-Fence cable from the fence to the gate on "swinging" and motorized "sliding" gates. The connector must be unplugged prior to opening the gate. The **G-Fence Gate Connector** provides a quick disconnect for easy gate opening and eliminates having to trench under the gate to continue the fence cable run.

Rugged Design and Construction

PROTECH has manufactured quality outdoor perimeter systems for over 40 years. Historically, gate connectors have been unreliable and prone to nuisance/false alarms. **The G-Fence Gate Connector** has been designed and constructed to provide maintenance-free operation for long-term reliability. All the components have an IP Rating of IP66 or higher to ensure a watertight construction and to safeguard against corrosion and intermittent connectivity over time.



Connector Assembly Components

The **G-Fence Gate Connector** is comprised of (2) IP66 rated junction boxes with an internal terminal block connection. This allows for easy wiring and excellent reliability and connectivity compared to the splicing with wire nuts method. The junction boxes have (2) IP68 rated liquid tight cable glands with seal rings to ensure watertight cable entry. A rugged magnetic plug/cable assembly interconnects the two junction boxes and provides easy connect/disconnect.



Features

Cable Cut Alarm: When gate is open G-Fence System sends a cable cut alarm.

Cable Cut Supervision: Cable cut alarm will not clear until the gate is closed, and the connector/plug is connected.

Magnetic Connector: Improved for easy self-aligning keyed connect/disconnect in harsh climates

Improved mounting tabs: The Gate Connector comes with stainless steel mounting tabs for increased durability.

Rugged Design: Designed to be more durable to tension and pulling, especially during extreme weather conditions

Installation Instructions

Mount the junction boxes at the gate using the provided metal tie wraps to secure the J-Box to the fence using the new metal wall mount tabs (4). Position the junction boxes on the fence with a spacing to ensure that the cable is not taut and has a drip loop as depicted in the gate photos. Connect the G-Fence cable to the terminal strips in the junction boxes.

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Technical Specifications

Liquid-Tight Junction Boxes with Gasket:

IP66 Rated

Liquid-Tight Cable Glands with Integral Sealing Ring:

IP68 Rated

Magnetic Gate Connector:

Designed to meet IP66

Operating Temperature:

-40°F to 150°F (-40°C to 65°C)

Order Information

82800187

Magnetic G-Fence Gate Connector -
Junction Box (2) with Connector Cable (1)

82800078-P

Junction Box with Terminal

82801111

Magnetic Straight Disconnect Cable



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