

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.

Maintenance-Free 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, maintenance-free IP67 rated cable/plug assembly interconnects the two junction boxes.



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.

Installation Instructions

Mount the junction boxes at the gate using tie wraps (preferably metal tie wraps) to secure the J-Box to the fence using the 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
Paige Perimaguard Disconnect:	IP67 Rated
Operating Temperature:	-40°F to 150°F (-40°C to 65°C)

Order Information

82800087

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

82800078-P

Junction Box with Terminal

80900148

Straight Disconnect Cable



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