PowerG Wired to Wireless Converter

Use the Tyco | PowerG Wired to Wireless converter to take over the old security systems. Quick. Easy. Secure.

Tyco | PowerG Wired to Wireless converter leverages industry-leading PowerG wireless technology capabilities, featuring superior encryption and long range. Profitable sources of revenue.

- 8 wired inputs enable to connect to 8 hardwired zones
  - Normally Open / Normally Closed, Single End of Line and Double End of Line configuration
  - 250ms loop response, zone definitions are control panel limited
- Support for:
  - 18 conventional 2 & 4-wire smoke detectors
  - CO detectors
  - Siren output (Supervised) 12V @ 700mA
  - 4 programmable PGM outputs
  - PGM support for ON/OFF functionality
- Enhanced tamper protection with front and back cover tamper switches
- AC to DC power adapter output of 16.5VDC
- 2 Auxiliary independent power loops (500mA total)
- 24h battery backup (sold separately) located inside the device enclosure
- Enhanced security with the integrated power supply supervision

Key Features

- Industry-leading PowerG wireless technology
- Connect siren, strobe and 2 PGMs for a full range of applications
- Enhanced security is enabled by the double end-of-line programming, tamper protection (including back tamper) and the integrated power supply supervision
- Lead acid battery is safely stored inside the plastic cabinet
Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Specification Details</th>
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</thead>
<tbody>
<tr>
<td>Model #</td>
<td>PG9WLSHW8</td>
</tr>
<tr>
<td>Frequency</td>
<td>912-919 MHz</td>
</tr>
<tr>
<td>Size</td>
<td>225mm x 250mm x 80mm / 8.85” x 9.84” x 3.15”</td>
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<tr>
<td>Weight (including battery)</td>
<td>2.85 kg / 6.28 lbs</td>
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<tr>
<td>Battery type</td>
<td>sealed, rechargeable lead acid</td>
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<tr>
<td>Standby Battery</td>
<td>12V / 7Ah 24 hour standby time and 5 min alarm time for residential fire applications</td>
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<tr>
<td>Operating temperature</td>
<td>-10C - 55C / 14F - 131F</td>
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<tr>
<td>Operating environment</td>
<td>Indoors</td>
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</tbody>
</table>

**PowerG – The power of wires, without the wires.**

- Military-grade 128-bit AES encryption protects against powerful analysis tools and digital attacks
- Full two-way synchronized TDMA synchronized communication technology - to prevent message collisions
- Multi-channel, Frequency Hopping Spread Spectrum technology repeatedly switches frequencies to minimize interference of radio signals and prevent interception and obstruction during transmission
- Devices dynamically optimize their route to the control panel to avoid RF interference and to extend battery life up to 8 years**, and reducing the cost of system maintenance
- High transmission ranges allow for devices to reliably communicate within up to 2km/1.24 miles line-of-sight, therefore reducing the cost of installing additional repeaters to service larger premises
- Simplified installation using a visible link quality LED indicator on the devices, allowing device testing at selected location, without having to return to the panel
- Quick, error-free enrollment with built-in auto enrollment process by simply using a pull tab
- Advanced, time-saving toolset: on-site and remote diagnostics, remote real-time testing, support for advanced applications & mobile control to dramatically reduce maintenance costs

**Battery life depends on device, device placement and system use

Approvals

- UL
- ULC
- FCC
- IC

Compatibility

- Qolsys IQ Panel 2+

For further information please refer to www.dsc.com and www.qolsys.com

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.