



THIS EQUIPMENT MUST BE INSTALLED AND MAINTAINED BY A SUITABLY SKILLED AND TECHNICALLY COMPETENT PERSON. ENSURE ALL POWER IS REMOVED BEFORE INSTALLATION.

Compatibility with Quantec Systems

The QP904 Quantec PRO Monitor Point is only compatible with the QP901 Quantec PRO Controller and Quantec PRO systems manufactured after December 2024 (TBA).

If in doubt, please contact your Vendor for advice.

QP904



Product Description

The QP904 (shown right) is an addressable keyswitch-isolatable monitor point c/w a reset button for cancelling calls. It is designed to generate a call on the system when a monitored contact, for example a fire exit door or drugs cabinet, is opened.

Features

- Compatible with Quantec PRO systems and QP901 Quantec PRO Controllers.
- New style QP904 has been designed with improved power efficiency compared to the QT604 monitor point.
- Two colour (Red/Green) reassurance LED.
- Link selectable configuration to generate a standard or emergency call when a monitored fire exit door or drug cupboard is opened (via magnetic contacts).
- Link selectable configuration to enable door bell monitoring.
- Link selectable monitoring of any device with a normally-open or normally-closed switch; ideal for interfacing PIRs, strip switches, flow switches and other devices to Quantec PRO.
- When the QP904 is Isolated (keyswitch position '0'), the QP904's reassurance LED will flash Green and the monitored door or device may be opened/closed without signalling a call on the system.
- When the QP904 is On (keyswitch position 'I'), and the monitored door or device is opened/closed, the QP904's reassurance LED will flash Red and a call will be signalled on the system.
- Supplied with a surface back box.

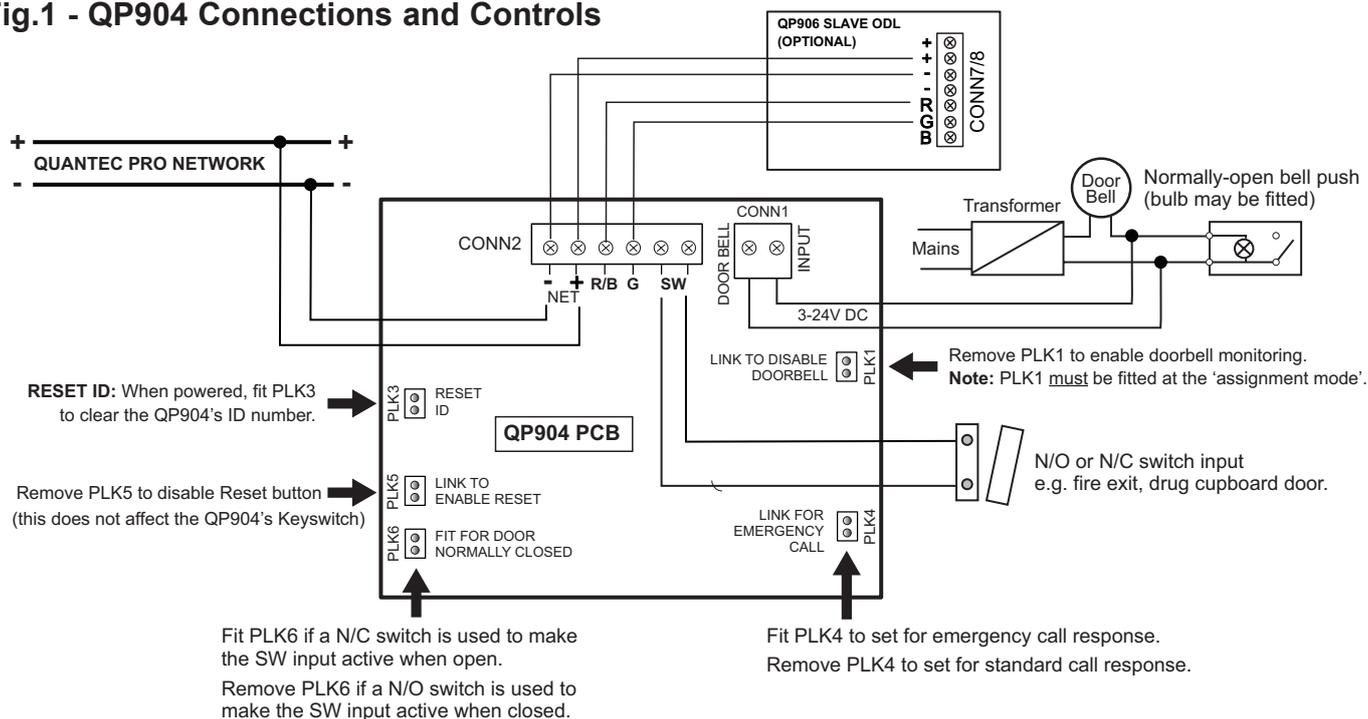
Technical Specification

Order Code:	QP904 Quantec PRO Addressable Monitor Point c/w Reset Button (Surface Mounted)		
Operating Voltage:	Nominal 24V DC (from the QP901 Quantec PRO Controller/Quantec PRO network)		
Quiescent Current:	0.6mA		
Alarm Current:	12.4mA		
Compatible Panels:	QP901 Quantec PRO Controller		
Indicators:	Red LED - Lit when the switch input is activated.		
	Blue LED - Not used.		
	Green LED - Lit when the QP904 is isolated.		
Controls:	Keyswitch position '0' (Isolated - monitoring off); Keyswitch position 'I' (On - monitoring on). Reset button (cancels calls made from the QP904 and from devices wired on the same zone).		
Connections:	CONN2 (NET-, NET+, R/B, G, SW); CONN1 (Doorbell Input)		
Expansion Connections:	R (Red) and G (Green) connectors allow the connection to an optional Quantec PRO slave overdoor light (QP906).		
Overall Dimensions (mm):	120 (W) x 100 (H) x 39 (D)	Body Material:	Polycarbonate RAL9003
Weight:	150g	IP Rating (EN 60529):	IP41 (indoor use only)
Operating Temperature:	-5°C to +40°C	Humidity:	Max. 95% RH (non-condensing)

Wiring and Connections (see Fig.1)

All wiring must be installed in accordance with all applicable national, regional or local standards. In the UK, the requirements of the IET Wiring Regulations (BS 7671) are mandatory for all electrical installations. All terminals can accept cables up to 1.5mm ϕ .

Fig.1 - QP904 Connections and Controls



Operation

Momentarily opening or closing the SW input will make a standard call or emergency call, depending on the status of links PLK4 and PLK6 (refer to Fig.1 above).

To reset a call, either press the Reset button (if link PLK5 is fitted) or turn the keyswitch to position '0' (Isolated).

If the keyswitch is left in position '0' (Isolated), the device's LED will illuminate Green and the switch input may be opened and closed without signaling a call on the system.

To change the call level from standard to emergency, or vice versa, fit or remove link PLK4 as required and reset the system.

Programming the QP904

Please refer to the QP901 Quantec PRO Controller Programming Manual (DNU9010000) for further details.

To Set an ID Number to an Unassigned QP904

Decide on the level of call response required, i.e. standard call or emergency call and fit the relevant links. Ensure the QP904 is in a passive/quiescent state, link PLK1 is fitted and the keyswitch is in position 'I' (On).

At the QP901 Quantec PRO Controller, access the 'Set Assignment > New Device' menu. Fit the NVM link at the QP901 and select the device ID number. When the 'Activate Device' prompt appears at the QP901, momentarily turn the QP904's keyswitch to position '0' (Isolated) to assign the device an ID number.

When an ID number has been assigned, the device will be recognised at the QP901 as a 'Monitor Point'. Enter the device's Area, placename and suffix.

To Re-Assign the ID Number of a previously Assigned QP904

When the QP901 Quantec PRO Controller is NOT in 'assignment mode', ensure the QP904 is in a passive/quiescent state and the keyswitch is in position 'I' (On). Momentarily fit link PLK3 (RESET ID) on the QP904. This will delete the device's ID number. The controller will display 'Device Missing'.

To delete the device at the QP901 Quantec PRO Controller, access the 'Set Assignment > Existing Device' menu. Select the device ID number, then select 'Delete' to remove the device from the system.



Manufacturer: Computationics Limited (C-TEC), Challenge Way, Martland Park, Wigan, Lancashire WN5 0LD. www.c-tec.com

E&OE. No responsibility can be accepted by the manufacturer or distributors of these devices for any misinterpretation of this instruction, or for the compliance of the system as a whole. The manufacturers' policy is one of continuous improvement and we reserve the right to make changes to product specifications at our discretion and without prior notice.