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DataSheet

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Keltron DataTap™ FACP Interface



Accurate - converts FACP data to point-specific life safety event information

Immediate - enables FACP connection to faster, more reliable active radio network

Keltron's innovative DataTap™ is a unique interface that enables faster and more accurate life safety event response. An intelligent link from the fire alarm control panel (FACP) to Keltron's active network wireless transceivers, DataTap™ converts otherwise printed FACP data into point-specific alarm information that is received and transmitted through the wireless transceiver to the monitoring operator at a remote location.

How Keltron's DataTap works

The Keltron DataTap has an optically isolated RS232 data port for monitoring any serial data source. Typically, this port is connected to the printer port of an FACP. Hardware control lines (RTS/CTS) are available to supervise the cable connection. Using special personality software, the DataTap analyzes the FACP printer data for event codes and point addresses, then outputs a contact-ID message over a second RS-232 port dedicated to the RF transceiver connection. Contact-ID provides annunciation of the account number, point or zone number and an event or detector type, in the event code field. Whenever possible the connection to the FACP is supervised. In the event of a fault, a generic fault message is transmitted using contact-ID via the active networked radio system. To aid with receiver system programming a manual is available which includes the conversion tables for all compatible FACPs.

Keltron DataTap features

- Mounts conveniently inside Keltron's RF750F wireless transceivers
- Supports multiple FACP panels including Notifier, Siemens, FCI, Gamewell and Edwards
- Connects through the FACP's RS-232 data port
- Supervised connection to supported FACPs
- Generates generic fault message in the event of a fault
- Easy installation

Keltron DataTap specifications

FACPs supported ¹	Notifier AM2020, AFP1010, AFP200, 300, 400, NFS640, Firelite MS9200, Siemens MXL/MXLV, FCI FC-7200, Gamewell Flex 600, EST-2, QSC, SK5820XL
I/O connectons	RS-232 data link to RF750F or 7050-E (internal), isolated RS232 data port (barrier strip)
Controls	1 reset switch and jumper pins for FACP model and reporting options
Size	3.9" x 5" x 1.2" approximately
Mounting	Inside locking case of RF750F or 7050-E wireless transceivers
Power requirement	12V, primary and backup power provided by wireless transceiver. Normal current 70mA.
Central station requirement	RF7300 receiver V1.70 or higher

¹Consult Keltron for a complete list of compatible FACPs

Ordering information:

Keltron part number: 95K3222

Keltron develops and manufactures universally-compatible, UL listed life safety event management systems for the municipal and proprietary markets. Solutions include Ethernet signaling systems, active network radio systems, distributed multiplex systems, digital communicator/receiver systems, and direct wire systems. This document is not intended for installation or maintenance purposes. All specifications are subject to changes without notice. For more information visit www.keltroncorp.com or contact us at 781-894-8710.

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