KELTRON®

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

UL LISTED

The innovative Keltron 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, the Keltron 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 the Keltron 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 the Keltron RF778F and RF774F wireless tranceivers
▸ Supports multiple FACP panels*
▸ 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]: Keltron DataTap interfaces are available for more than 75 different models and brands of FACPs. Please see the accompanying list or visit Keltron's Web site at: http://keltroncorp.com/systems/datatap_compatibility.cfm

I/O connectons: RS-232 data link to Keltron RF778F/RF774F radio transceivers 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 Keltron wireless tranceivers

Power requirement: 12V, primary and backup power provided by wireless tranceiver. Normal current 70mA.

Central station requirement: Keltron RF7500 radio receiver and Keltron RF7100 signal converter

Ordering information:

Keltron part number: 95K3222

Note: any fire panel that is monitored by a Keltron transceiver must provide a serial data output or compatible hardware outputs that are active and can be monitored. Review the compatibility charts on the Keltron Web site for more details.

Keltron develops and manufactures universally-compatible, UL listed life safety event management systems for the campus, multi-building facility, and municipal markets. Solutions include Ethernet/IP, active network (mesh) radio, distributed multiplex, digital communicator/receivers, and direct wire signaling systems. This document is not intended for installation or maintenance purposes. All specifications are subject to change without notice. For more information visit www.keltroncorp.com or contact us at 781-894-8710. Made in the USA.