

Electrical Signaling

Electrical protective signaling systems are configurations of components used to produce alarm signals indicative of fire, smoke, sprinkler waterflow or other emergency and to produce supervisory signals indicative of conditions needing attention with respect to protection equipment or watch service. System configurations are classified according to where and how the signals are received. The categories are commonly designated as local, municipal, remote station, proprietary, emergency voice/alarm communication, emergency communication, and central station. Auxiliary systems are either local or proprietary systems interconnected with a municipal system.

This category presents the major system component categories and the integrated system configurations. The selection of components to form a hybrid system should be made only by those skilled in system design. Also, the suitability of any system application should be judged on the basis of the hazard(s) being protected.

Alarm Signal Initiating Devices

Alarm signals are initiated either automatically or manually. Automatic detectors respond to changes in characteristic phenomena associated with fire or other emergency conditions.

Sprinkler Waterflow, Pressure-Actuated

These waterflow alarm switches and switch-actuated transmitters are pressure activated and are used with waterflow alarm check valves, dry pipe valves or automatic water control valves. See also WATERFLOW ALARM VALVES and WATERFLOW DETECTORS, VANE TYPE. Unless otherwise noted in the listing, these devices have 175 psi (1205 kPa) rated working pressure.

LF-PS10-1 / LF-PS10-2, LF-PS40-1 / LF-PS40-2, LF-PS120-1 / LF-PS120-2

Physical/Operating Specifications	LF-PS10-1 / LF-PS10-2	LF-PS40-1 / LF-PS40-2	LF-PS120-1 / LF-PS120-2
Maximum Operating Pressure	300psi	300psi	300psi
Maximum Adjustment Pressure Range	4-20psi	10-100psi	10-200psi
Differential	Approximately 3 psi throughout range	Approximately 3 psi @ 10 psi, 6 psi @ 100 psi	Approximately 3 psi @ 10 psi, 9 psi @ 200 psi
Factory Setting	4-8psi	operates on increase at 50 psi and on decrease at 30 psi	operates on increase at 130psi and on decrease at 110 psi
Switch Contact Ratings	10A@125/250VAC 2.5A@30VDC	10A@125/250VAC 2.5A@30VDC	10A@125/250VAC 2.5A@30VDC
Pressure Connection	1/2" NPT Male	1/2" NPT Male	1/2" NPT Male
Dimensions	L*W*H (11.6cm*6.0cm*11.2cm)	L*W*H (11.6cm*6.0cm*11.2cm)	L*W*H (11.6cm*6.0cm*11.2cm)
Operating Temperature Range	-40° to 60°	-40° to 60°	-40° to 60°
Cover Tamper Switch	No	No	No
Protection	IP66	IP66	IP66

Company Name:	Lichfield Fire & Safety Equipment Co Ltd
Company Address:	Unit 8 Calibre Industrial Park, Laches Close, Four Ashes, Wolverhampton, Staffordshire WV10 7DZ
Company Website:	http://lifeco-uk.com
New/Updated Product Listing:	Yes
Listing Country:	United Kingdom
Certification Type:	FM Approved
Class of Work:	3132-Water Pressure Sw

