IP69K PRODUCTS
From Federal Signal

Products for dust-tight environments, that withstand high-pressure and high-temperature washdowns.
What is IP69K?

IP69K is the highest standard on the Ingress Protection (IP) rating scale. This rating was designed for applications in which products are regularly exposed to high-pressure and high-temperature washdowns. IP69K ensures the highest confidence in harsh environments where sanitation and cleanliness are required.

IP69K products are ideal for applications in:

- Food and Beverage
- Wastewater
- Pharmaceutical
- Marine
- Medical Facilities
- Medical Equipment Manufacturing

IP69K products help reduce product failures due to water/dust ingress, increasing productivity and decreasing production downtime.

IP rating system

The IP rating system is defined in international standard IEC 60529. IP ratings are used to classify and define levels of ingress protection on electrical devices against solids and water. By defining a rating, the IP system ensures specific levels of coverage when products are faced with varying elements.

HOW IS IP69K DIFFERENT FROM NEMA TYPE 4?

Both standards require the product to withstand water but at different levels. The IP69K rating is important when products are being sprayed down at closer distances.

**IP69K**

- High pressure
- Low volume/
  - High temperature
- Short distance
  - 6” max
- Dust-tight

**NEMA TYPE 4**

- Low pressure
- High volume
  - 65 gallons/minute
- Long distance
  - 10–12ft
Our products endured the following testing:

**IP6K**

Dust-tight tested in an Arizona A2 Dust 2kg/m³ chamber for 6 seconds at a time, every 15 minutes for five hours.

**IP9K**

Testing which included high-pressure steam jet cleaning, water sprays of 1160–1450 psi every 30 seconds. The water is spayed from 4 different angles, at a distance of 4–6 inches, and temperatures of 176°F (80°C).

YOUR SAFETY AND SECURITY IS OUR PRIORITY!

Certifications

In addition to IP69K, our products have been designed to meet or exceed the uncompromising standards of UL, CSA, CSFM, IECEx, and other global certifications.* And with our ISO 9001 Certification, we want you to know that we are committed to quality.

*Certifications are model variant. See individual product pages.
LP3M, LP3P, LP3S
StreamLine® Low Profile Strobe Light

Model LP3SL, LP3PL, LP3ML
StreamLine® Low Profile Steady Burning LED Light

Model FB2PST and FB2PST-I
Fireball® Strobe Warning Light

FOR MORE INFORMATION, VISIT: www.fedsig.com/ip69k-products
OR CONTACT US AT: 708-534-4756

Model USIX
Hazardous Location UniStat® LED Status Indicator

Model 224XST
Electraray® Supervised Hazardous Location Strobe Warning Light

Model 224XSTHI
Electraray® Supervised Hearing Impaired Hazardous Location Strobe Warning Light

Model 225X
Electraray® Hazardous Location Rotating Light

Model 225XST and 225XST-I
Electraray® Hazardous Location Strobe Warning Light

Model 121X
Explosion-Proof Incandescent Rotating Light

Model FSEX
Explosion-Proof Strobe Light

Model FSEX-HI
Hearing Impaired Explosion-Proof Strobe Light

Model FB24ST
Fireball® Supervised Strobe Warning Light

Model FB24STHI and FB24STHI-024C-CN
Fireball® Supervised Hearing Impaired Strobe Warning Light

Model 225
Electraray® Rotating Light

Model 225XL
Electraray® Hazardous Location LED Flashing Warning Light

Model G-STR-__-15J
Global Series™ Signaling Platform – 15J Strobe

Model G-STR
Global Series™ Signaling Platform – 21J Strobe

Model G-LED
Global Series™ Signaling Platform – LED Beacon

Model 27XST
Explosion-Proof Strobe Light

Model 27XST-024*-4-MOD
Explosion-Proof Supervised Strobe Light

Model 27XL
Explosion-Proof LED Light