

LHW-EOL

Linear Heat Wire End Of Line

The Sperosens LHW-EOL is a linear heat wire termination (EOL) and test unit. The unit is compatible with most conventional fire panels as it allows fitment of user supplied EOL resistors. Factory fitted compression glands ensure an IP65 rating when installed.

Operation of the LHW circuit is simulated by an internal test button or external activation of the magnetic reed switch.

KEY FEATURES

- IP65 ingress protection
- Integral test button
- Integral magnetic reed switch
- Power (status) indicator
- Compatible with most conventional fire panels

APPLICATIONS

- Linear heat wire installations in harsh environments
- Easy monitoring of LHW circuits



FUNCTIONALITY

Compatibility

- Conventional fire alarm panels
- Suppression release panels
- Addressable zone monitor units.

Typical use cases

- Combined with Spero LHW-I (Linear Heat Wire Interface unit)
- With a series fire resistor alone (range 330 Ohm to 2.7 KOhm)

ELECTRICAL SPECIFICATIONS

Supply

- 12 – 30VDC
- Current consumption:
 - Normal: max. 1mA at 28VDC
 - Testing: limited by series fire resistor

MECHANICAL SPECIFICATIONS

Physical Dimensions: 140L x 110Wx 60H mm
(Incl. mounting bracket and gland)

Material

Main Enclosure: Flame retardant high quality polycarbonate material (base and lid).

Installation Method:

Supplied with stainless steel mounting bracket

ENVIRONMENTAL SPECIFICATIONS

Environmental Conditions

Water and Dust: IP 65 protection standard.

Temperature: -10 °C to +50 °C