



Small photoelectric sensor with built-in amplifier E3Z-LS86

URL: <https://www.sxplc.com/small-photoelectric-sensor-with-built-in-amplifier-e3z-ls86>

Product data sheet

hape	Square type
Sensing method	Distance-setting

Sensing distance	20 to 200 mm
Setting range	White paper 100 x 100 mm: 40 to 200 mm Black paper 100 x 100 mm: 40 to 160 mm
Detection range	BGS: 20 mm to Setting distance (White paper, Black paper 100 x 100 mm) FGS: Setting distance to 200 mm min. (White paper 100 x 100 mm), Setting distance to 160 mm min. (Black paper 100 x 100 mm)

Differential distance	10% max. of setting distance
Reflectivity characteristic (black-white error)	10% max. of setting distance
Light source	Red LED (670 nm)

Power supply voltage	12 to 24 VDC±10% ripple (p-p) 10% max.
Current consumption	30 mA max.
Control output	PNP open collector 26.4 VDC max. 100 mA max. Residual voltage: 1 V max.

