

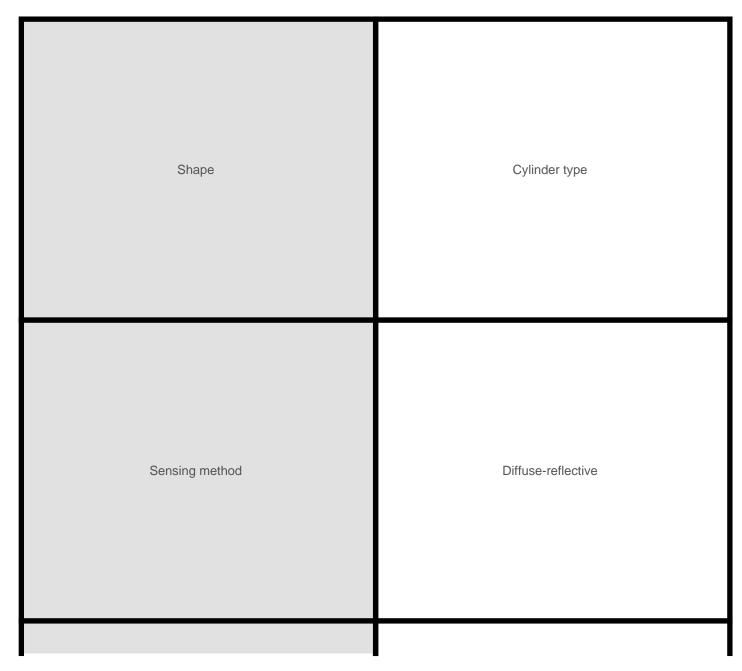


Photoelectric Sensors E3FA-DP12

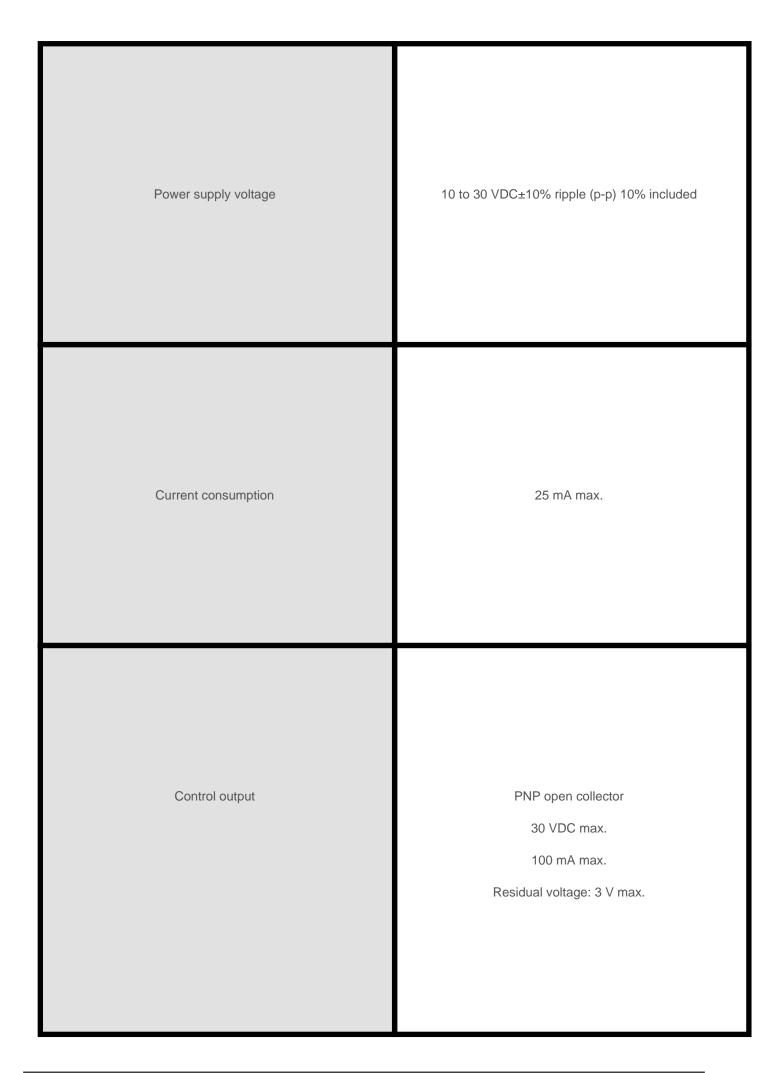
2M

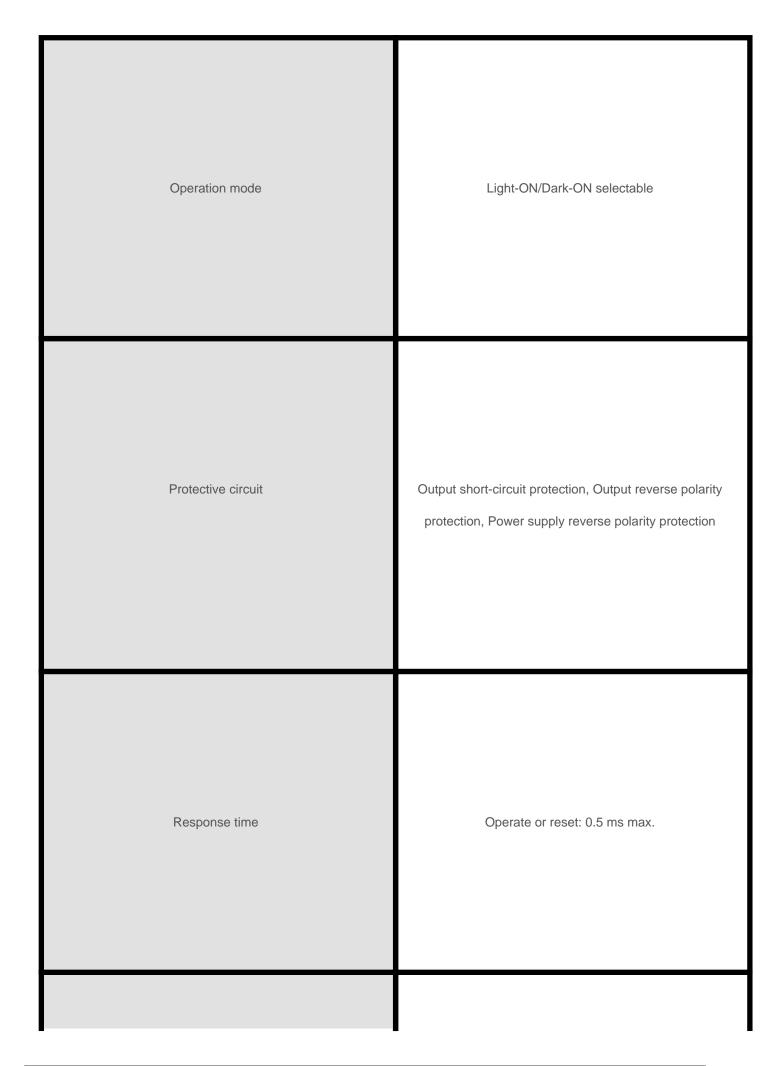
URL:https://www.sxplc.com/photoelectric-sensors-e3fa-dp12-2m

Product data sheet



Sensing distance	White paper 300 x 300 mm: 300 mm
Spot size	40 x 50 mm (sensing distance: 300 mm)
Differential distance	20% max.
Light source	Red LED (624 nm)





Sensitivity setting	Single-turn adjustment
Ambient illuminance	Incandescent lamp: 3,000 lx max. Sunlight: 10,000 lx max.
Ambient temperature range (Operating)	-25 to 55 ? (with no freezing or condensation)
Ambient temperature range (Storage)	-40 to 70 ? (with no freezing or condensation)

Ambient humidity range (Operating)	35 to 85 % (with no condensation)
Ambient humidity range (Strage)	35 to 95 % (with no condensation)
Insulation resistance	20 M? min. (500 VDC megger)

Dielectric strength	1000 VAC 50/60 Hz 1 min
Vibration resistance	Destruction: 10 to 55 Hz, 1.5 mm double amplitude each in X, Y, and Z directions for 2 h
Shock resistance	Destruction: 500 m/s ² 3 times each in X, Y and Z directions
Degree of protection	IEC: IP67

	DIN40050-9: IP69K
Connection method	Pre-wired models (Cable length 2 m)
Indicator	Operation indicator (orange), Stability indicator (green)
Weight	Package: Approx. 60 g Main Unit: Approx. 50 g

