



## Proximity switch E2EM-X8B1-M1-JF

URL:<https://www.sxplc.com/proximity-switch-e2em-x8b1-m1-jf>

### Product data sheet

Protection circuit

Surge absorption and load short circuit protection

Environmental temperature range

Working temperature: -25~+70C, storage temperature: -40~+85 °C (no icing or condensation)

Environmental humidity range

During work and storage: 35~95% RH each (without condensation)

The influence of temperature

Within the temperature range of -25~+70 ° C and +23 ° C, within  $\pm 15\%$  of the detection distance

The influence of voltage

Within  $\pm 15\%$  of the rated power supply voltage, within  $\pm 1\%$  of the detection distance at the rated power supply voltage

insulation resistance

Above 50M  $\Omega$  (DC500V megohmmeter) between the charging unit and the housing as a whole

Voltage withstand

AC1000V 50/60Hz 1min between the charging unit and the housing

Vibration (durability)

Up and down amplitudes of 1.5mm at 10-55Hz for 2 hours in X, Y, and Z directions

Impact (durability)

1000m/s<sup>2</sup>x, 10 times in Y, Z directions

Protective structure

IEC standard IP67, internal company standard oil resistance

Connection method

Lead 38 AWG (Standard wire length of 2m)

