

SLO320



PART NUMBER

Part Number	Model Number
006920640	SLO320

SPECIFICATIONS

Range

Jumper: 0-400 lx 0-400 lx
 Jumper: 0-20 klx 0-20 klx
 Signal Output 4-20 mA or 0-10 V

Materials

Housing polyamide plastic
 Enclosure Rating IP 65
 Weight 100 g, weight includes standard packing, in brackets
 Power 24 Vac +/- 10%. 15-36 Vdc
 Accuracy +/- 5% at ambient temp of 25° C
 Wavelength at max. sensitivity 600 nm (standard light A/2854K colour temp)
 Temperature Dependence +/- 5% at ambient temp. of 25°C and $U_g = 24 V$
 Load Resistance > 50 kohm
 Current Consumption typical
 Range 0-400 lx 8 mA
 Range 0-20 klx 13 mA
 Ambient Temperature -20° C (-4° F) to 70° C (158°F)

Standards

EMC 2004/108/EC, EN61326-1/2/3: 2006

Outdoor Light Transmitter

SLO320 is an electronic light transmitter that converts a lux measurement into an electric signal of 4-20 mA or 0-10 V.

It has two sensitivity ranges to suit different light levels: 0-400 lx (e.g. for controlling outdoor lighting), and 0-20 klx (for controlling sunshade systems).

The transmitter is delivered as a complete unit, comprising the sensing element, an amplifier mounted in a housing, which is resistant to ultra-violet light.

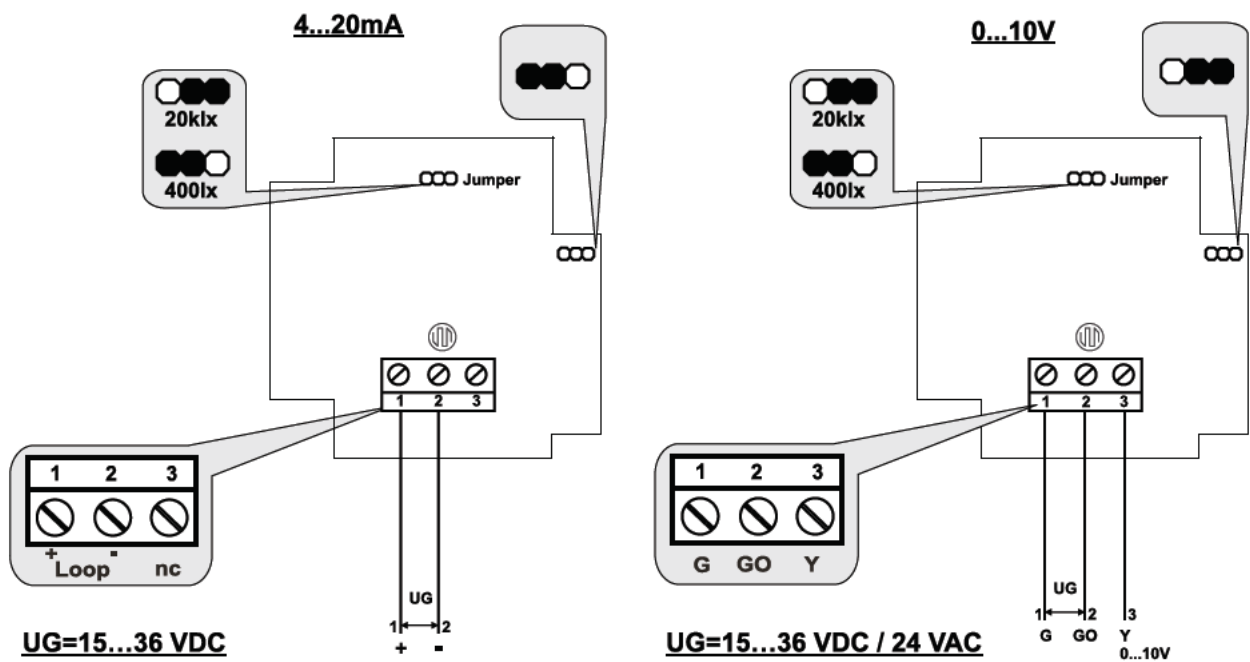
The transmitter is intended for wall mounting outdoors.

The sensitivity peak is for light at an angle of incidence of 0° to the perpendicular.

The sensor has the same spectrum sensitivity peak as the human eye.

The transmitter is connected with a 2-wire cable when configured for 4 to 20mA, which serves both as power supply and for signal transmission, and 3-wires for a 0 to 10Vdc output configuration..

WIRING



WIRING

Cable: 0.2-1.5 mm²

⚠ Note: Avoid contact with the sensor terminals if the connections wires are live.

ADJUSTMENT

The unit is supplied ready calibrated with a specified range and precision.

No further calibration is required.

DIMENSIONS mm (in)

