Room Light Transmitter

The SLR320 is an electronic light transmitter that converts a lux measurement into an electric current signal of 4–20 mA or a voltage signal of 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.

The transmitter is intended for wall mounting indoors.

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

Cable: 0.2-1.5 mm²

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

ADJUSTMENT

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

No further calibration is required.

 Ug=15...36 VDC

 Ug=15...36 VDC / 24 VAC