



The LUXA-EH / LUXOR-EH illuminance sensor measures horizontal illuminance for the control of lighting systems.

The horizontal measuring field beneath the diffuser glass is matched to the spectral sensitivity of the human eye and covers an angle of 180° in all directions.

Protection class II permits safe installation in areas with external electrical potentials (e.g. railways and tramways). All metal parts assume the external potential, while the sensor electronics are double-insulated.

Pole mounting of the sensor: installed together with the luminance sensor on mounting bracket TRALUCI/EM.
Pole mounting of the connection box: up to Ø 200 mm using V4A stainless-steel band clamps and the supplied pole bracket.

The LUXA-EH version provides a 4...20 mA current signal. The LUXOR-EH version provides a 0...10 V output signal.



- Sensors for horizontal illuminance
- Highly reliable amplifier with excellent long-term stability
- Precise matching to the spectral sensitivity of the human eye; V (λ) correction in accordance with CIE
- Full-scale measuring value to customer specification; typically 0...100, 0...1,000 or 0...100,000 lux
- Linear output signal: 4...20 mA (LUXA-EH) or 0...10 V (LUXOR-EH)
- Controlled anti-icing heater
- Dirt-repellent glass diffuser
- Rugged stainless-steel housing

TECHNICAL DATA:

