

## Brightness Transmitter

- Direction-dependant
- Standard version

The instrument serves for the acquisition of the illumination intensity of the daylight and is adapted to the sensitivity of the human eye. The linearized electrical output signal can be used for the control of shading devices, heating systems, and irrigation plants.



| Order No                      | Technical Data        |                                       |
|-------------------------------|-----------------------|---------------------------------------|
| <a href="#">7.1414.10.xxx</a> | Measuring range       | 0 - 100.000 lux                       |
| <a href="#">7.1414.12.xxx</a> |                       | 0 - 20.000 lux                        |
| <a href="#">7.1414.15.xxx</a> |                       | 0 - 5.000 lux                         |
| <a href="#">7.1414.22.xxx</a> |                       | 0 - 2.000 lux                         |
| <a href="#">7.1414.25.xxx</a> |                       | 0 - 50.000 lux                        |
| <a href="#">.xx.040</a>       | Signal output         | 0 - 20 mA (600 Ohm)                   |
| <a href="#">.xx.041</a>       |                       | 4 - 20 mA (600 Ohm)                   |
| <a href="#">.xx.061</a>       |                       | 0 - 10 V (max. 10 mA)                 |
|                               | Accuracy              | ± 3 % of measuring range              |
|                               | Spectral range        | 0,420 - 0,675 µm                      |
|                               | Half angle            | ± 55°                                 |
|                               | Operating temperature | -30...+70°C                           |
|                               | Operating voltage     | 24 VAC/DC                             |
|                               | Connection            | clamp connection, screwed cable gland |
|                               | Protection            | IP 65                                 |
|                               | Dimensions            | 80 x 82 x 65 mm                       |
|                               | Weight                | 0,15 kg                               |