



## DATA SHEET

### DLUX

Article number 09501110



[Internetlink](#)

#### Function

Sensors detect digital or analogue properties qualitatively or quantitatively, assess these and convert them to a system-compatible format. Typical examples are temperature and brightness. The DLUX light value sensor is a component of the Dupline bus system and facilitates the implementation of an analogue brightness value for transmission via the Dupline bus. It transmits the light value on a freely encodable Dupline channel. The DLUX does not need an external power supply as it is supplied from the Dupline signal lines. Thanks to its compact design, it can be mounted discreetly.

#### Features

transmits the measured light value via the Dupline bus, measuring range of 0.1 lux to 100,000 lux, Power supply from the Dupline bus

#### Mounting

Surface mounting, orientation preferably facing north or east

#### Applications

In conjunction with other components of the system, the light sensor makes it possible, amongst other things, to shade rooms or terraces and balconies using roller shutters and blinds or control the outdoor lighting of properties, buildings, paths and streets.

#### Technical Data

Technical Data	DLUX
Series	DLUX
min. Sensor, measuring error, relative	-30 %
max. Sensor, measuring error, relative	30 %
min. Sensor, measuring range, brightness	0.1 lux
max. Sensor, measuring range, brightness	100 kLux
min. Sensor, deviation from characteristics, relative	-10 %
max. Sensor characteristic curve deviation rel	10 %
design	Dupline
max. IF Bus system output channel	1
current consumption bus	750 µA (710 µA ... 790 µA)
IF Bus refresh time	6 s
IF Bus refresh time	34 s
Operating voltage source	Bus signal
	Screw-type terminal (Bus connection)
Clamping area	0.4 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
General data description	General data
Operating position	tilted 90°

Technical Data	DLUX
Ambient temperature	-10 °C ... 60 °C
Permissible humidity	max. 90 %
Housing type	wall-mounted housing
Mounting type	Wall mounting
Housing material	Lexan resin
Protection class	IP <sub>44</sub>
Width	40 mm
Height	83 mm
Depth	43 mm

### *Dimensions*

*Dimensional drawing Group view*