

LUX 11 ILLUMINATION LEVEL AND TEMPERATURE SENSOR

LUX 11 is a passive sensor detecting illumination level by a photo resistive cell and temperature by an NTC10 or NTC20 thermistor.

These signals can be used for controlling lighting and heating.

Illumination level Lux	Resistance kohm
0	30,0
20	20,3
30	17,7
40	15,8
50	14,4
60	13,3
70	12,4
80	11,6
90	10,9
100	10,2
150	8,2
200	6,9
250	6,1
300	5,5
350	5,0
400	4,6
450	4,2
500	4,0
600	3,5
700	3,2
800	3,0



Technical data:

ranges	
illumination level	0...800 lux = 30 kohm...3,0 kohm
temperature	-50 ...+80 °C
sensors	
illumination level	photo resistive cell
temperature	NTC 10 or NTC 20
dimensions w x h x d	90 x 94 x 44 mm
housing	IP 54, cable gland downwards
materials	PBT, PC and PA

Wiring:

1	lux
2	lux
3	NTC
4	NTC

Ordering guide:

Model	Product number	Description
LUX 11+NTC10	1133350	Illumination sensor + NTC10
LUX 11+NTC20	1133351	Illumination sensor + NTC20

Products fulfill the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 and EN61000-6-2: 2001