JNC 光照度感測器 Illumination Sensor

LUX20

[Features]



- High-sensitivity photosensor, range 0~200,000 Lux.
- Spectral range 380~730nm, covering visible light.
- Precision linear amplifier: accuracy ±4%, resolution 1 Lux.
- RS-485 standard Modbus RTU, no data conversion.
- Wide DC 12~24V supply, power consumption ≦50mW.
- IP65 housing for greenhouses and humid environments.
- Wall-mount design with mounting ears, easy to install.

[Applications] Greenhouses, farming, weather stations

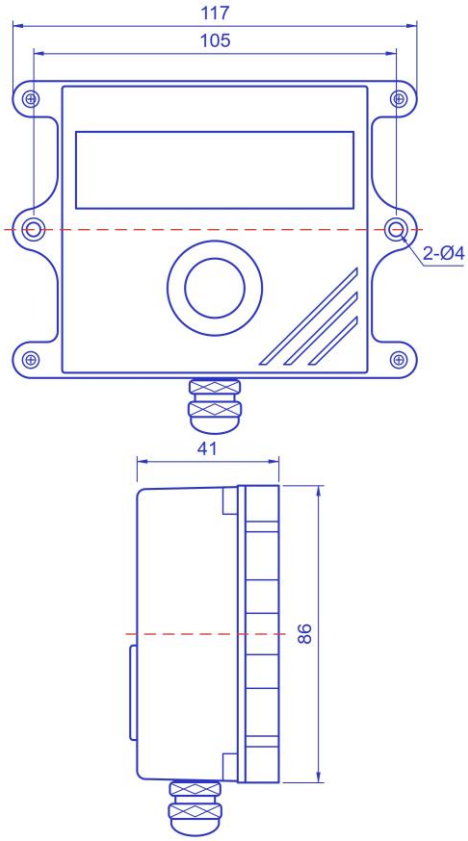
[Model Selection] LUX20-Code 1-Code 2

Code 1	Comm.	Code 2	Connector
485	RS-485	N	Bare wire
		C	Quick connector

[Specifications]

Power Supply	DC 12~24 V
Measuring Range	0~200,000 Lux
Spectral Range	380~730nm
Accuracy	±4%
Resolution	1 Lux
Output	RS-485 (Modbus RTU)
Response Time	T90 ≦60s
Repeatability	<1% FS
Environment	-40℃~75℃, ≦94%RH
Consumption	≦50mW
Mounting	Wall-mount
Housing Material	ABS
IP Rating	IP65
Cable Length	3 m
Weight	170g

[Dimensions] Unit:mm



[Wiring]

Red	V+
Black	V-
White	D+
Green	D-