

LPN DO

Highlights

- Compact and easy mounting
- Protection class IP65
- LoRa® Class C
- 2x digital Output 0.5A (switching +24VDC)
- USB for setup
- Approx. 10 km range



RF Performance

- 14 dBm TX-Power
- -137 dBm RX-Sensitivity
- Approx. 10 km range

Interfaces

- 2x digital Output 0.5A
- USB (for LoRa Setup)

Power supply

- Input voltage +24VDC (10...36VDC)
- Input current max. 1.35A

Indicators

- 4 Status LEDs

Mechanics

- Housing: Polyamide (PA 6-GB 30)
- Dimensions (L x W x H) 150mm x 58mm x 35mm (incl. antenna)

Environment

- Protection class IP65
- Operating temperature -25°C to +60°C
- Storage temperature -40°C to 85°C
- Rel. humidity 0% to 95% (not condensing)

Reference

- LPN DO technical manual

Norm & Safety

- EN 62368-1

Power, Communication & Display



Pin No.	Pin-Description	Signal
1	+24VDC (10...36VDC)	Input
2	DO2	Output
3	DO1	Output
4	GND	Input

(Look up technical manual for more information)

LED-Name	Function	LED status
LED blue	LoRa Status	OFF/12%/50%/88%/ON
LED green	Supply	100ms (Downlink)
LED yellow	DO2 Status	OFF/12%/50%/88%/ON
LED red	DO1 Status	OFF/12%/50%/88%/ON

(Look up technical manual for more information)

