

# LPN<sup>®</sup> DO

## Highlights

- Compact and easy mounting
- Protection class IP65
- LoRa<sup>®</sup> Class C
- 2x digital Output 0.5A
- 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. 50mA (Typ 4.5mA @ 24VDC)

## Indicators

- 4 Status LED's

## Mechanic

- Housing: Polyamide (PA 6-GB 30)
- Dimension (L x B x H) 150mm x 58mm x35mm (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

- LoRa<sup>®</sup> Modbus Bridge technical manual

## Norm & Safety

- EN 62368-1

## Power, Communication & Display



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

(Detailed information's in technical manual)

LED-Name	Function	LED status
LED blue	LoRa Status	Off/12%/50%/88%/On
LED green	Supply	100ms (Downlink)
LED yellow	RS-485/Modbus Status	Off/12%/50%/88%/On
LED red	Info	Off/12%

(Detailed information's in technical manual)

