

*Wireless sensors*



**Blue PUCK DO**  
Ref. IDF25247



**Remotely control your industrial accessories !**

- Switch digital output management
- Extended transmission range: up to **500m** (free field)
- Battery lifespan: up to **20 years**
- Heavy duty industrial case - **IP68 waterproof**
- Built-in **NFC** chip

**TECHNICAL SPECIFICATIONS**

<b>Operating modes</b>	<b>Advertising mode:</b> Periodic identifier data transmission <b>Connected mode:</b> Digital switch command
<b>Parameters and configuration</b>	Interface/protocol NFC (Type 2) Configuration: Device Manager/ Mobile Manager application (Windows / Android) <ul style="list-style-type: none"> <li>• Activation / deactivation</li> <li>• BLE advertised name (15 characters max.) and transmit power</li> <li>• Transmission period (0,1 sec to 10 sec - configurable in seconds)</li> </ul>
<b>Digital output</b>	<b>MOSFET transistor:</b> Range : 0 to 12V (polarized) Maximum output current: 500 mA Rds ON: 0,6 Ohms @ 500 mA Output commands: Activation, deactivation and activation for XX seconds
<b>Frequency</b>	2.4 GHz – BLE channels
<b>Output power</b>	Up to +4 dBm (adaptive/smart network)
<b>Range</b>	Up to 500 meters open field (+4 dBm)
<b>Power supply</b>	3 VDC – Internal lithium battery
<b>Battery life</b>	- <b>Up to 20 years *</b> - Battery voltage reading command using <i>Connected mode</i> - 15% remaining battery warning <i>*For more detailed battery lifetime specification please refer to autonomy spec sheet</i>
<b>Operating temperature</b>	-40°C to +85°C
<b>Housing</b>	Ø 57mm base - Thickness 20mm - dimensions with cable gland: 64mm (without cable) IP68 Waterproof - Weight 50g Supplied cable length: 1m DELRIN (POM C) material – Food Grade (90/128/EEC)
<b>Standards</b>	CE (Europe): EN 300 328/EN 300 330, EN 301 489, EN 62311, EN 62368 FCC (USA): FCC PART 15 ISED (Canada): RSS-247/ICES-003 RoHS certified
<b>Accessories</b>	Double-sided direct fixation of the tag: PUCK STICKER (ACIOM188) Tag support: PUCK HOLDER STICKER (BOT0126)