



Neuron Dry Contact

Neuron Wireless Dry Contact Sensor monitors status on equipment with a volt-free dry contact output. Change in status is immediately sent to Neuron Cloud. Integrated battery ensures up to 10 years of battery life. All measurements are easily accessible from web, app or API.

The sensor transmits data to your nearby Neuron Gateway which then again communicates with the Neuron Cloud. Continuous measurement and instant alarm. Duplex communication enables adjustment of parameters such as measuring frequency.

Alarm levels are easy to set in the app and alerts can be received as push notification, E-mails or SMS. QR-code on the sensor ensures easy and accurate registration in the app.

Typical Applications:

- Motor Protection
- Open/Closed door and gate
- Position of valves
- Count status changes

Advantages

- 👁️ **Wireless sensor with integrated battery**
- 👁️ **Immediate notice in case of anomalies**
- 👁️ **Quick installation**
- 👁️ **Operates 10 years on integrated battery**
- 👁️ **Robust technology for demanding environment**

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Specifications

Part Number	422235
Measuring Range	Open/Closed Loop
Measuring Frequency	Every 3 sec.
Report Frequency	Reports every 2 min. Or immediately if change in measurement
Operating Frequency	868 - 870 MHz
Battery Type	Li-SOCI2 (3.6V)
Operating Time*	Up to 10 Years
IP Grade	IP 67
Operating Temperature Range	-40 - 85 °C
Connection Type	2 x RADOX 155 0.25 mm ²
Material	POLYBlend 65 FS
Dimensions LxWxH	37x23x14mm

*Depends on measurement frequency, amount of critical data transmissions and ambient temperature