

Neuron Accessories

For Neuron Cellular Gateway

Neuron Cellular Gateway Mounting kit

To achieve the best possible signal strength between gateway and sensor the gateway should be mounted with some distance to nearby walls and other constructions. The mounting kit ensures easy installation with necessary distance. Comes with all necessary parts, and all parts are in stainless steel



Neuron Cellular Gateway Mounting kit: PN: 422335

Neuron Power Cable for Cellular Gateway

The Neuron Power Cable can be used to connect the gateway to a nearby 12-36 VDC, 2A power supply. Suited for example were the cellular coverage demand outdoor mounting of the gateway. If no DC power source is already present it can be combined with the Industrial DIN rail power supply.



Cable Length: 14 meter

Neuron Power Cable for Cellular Gateway: PN: 422339
Industrial DIN rail power supply: PN 311055

Neuron PSU for Cellular Gateway - IP67

The power supply that comes with the Neuron Cellular Gateway is not suited for outdoor conditions. If the gateway is to be mounted outdoors or in other humid environments, we recommend using the Neuron moisture proof PSU.



Neuron PSU for Cellular Gateway IP67 EU plug: PN: 422336
Neuron PSU for Cellular GW IP67 Australia plug: PN: 422518
Neuron PSU for Cellular GW IP67 UK plug: PN: 422519
Neuron PSU for Cellular GW IP67 US plug: PN: 422526

Neuron PSU for Cellular Gateway - IP21

The Neuron Cellular Gateway comes with this PSU as standard. But if you need spare it is possible to buy it as a stand alone part. The PSU is only suited for indoor use.



Neuron PSU for Cellular Gateway IP21 EU plug: PN 422496

Neuron Accessories

Neuron 24V Power Box

The Neuron 24V Power Box ensures permanent installation and a trouble free power solution for Neuron Gateways. The power box is fitted with a 14 meter long cable for connecting to the Neuron Cellular Gateway. Connect to 85-264VAC through the supplied cable gland. With an IP65 rating, the device is suitable for use in harsh environments.

Neuron 24V Power Box: PN 422644



For Neuron Gateways and Actuator

Neuron Gateway Battery Backup

The Neuron Ethernet Gateway Battery Backup is a power solution designed specifically for use with the Neuron Ethernet Gateway in an industrial environment. It contains a LiFePO4 cell that provides an uninterruptable power supply for the gateway in the case of a mains power loss or otherwise unreliable power.

Neuron Gateway Battery Backup: PN 422306



24 VDC DIN rail PSU for Neuron Gateways and Actuator

The industrial DIN rail power supply is suited to power the Neuron Gateways or Neuron Actuator, or even both at the same time. Mounted on the DIN rail, PN 422605, in a suitable enclosure it is fully capable of operating in industrial environments.

Spec: DIN Rail Power Supply 85-264V AC Input, 24V DC Output, 1A 20W

24 VDC DIN rail PSU

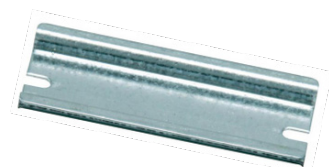
For Ethernet Gateway and Actuator: PN 311055

DIN Rail 100mm x 35mm x 7,5mm: PN 422605



DIN rail

DIN Rail 100mm x 35mm x 7,5mm: PN 422605



Neuron Accessories

For Neuron Sensors

Neuron Magnetic Mounting Assembly

The Neuron Magnetic Mounting Assembly is used when mounting the Neuron Vibration RMS sensor to a non-magnetic surface. The assembly kit consist of a disc, Ø39mm, and a M6X12 Bolt (D7991)

Neuron Magnetic Mounting Assembly: PN 422691



Neuron Magnetic base

The Neuron Magnetic Base is to be used together with the Neuron Vibration RMS HT probe to enable magnetic fixing to the asset. The magnet provide a secure connection to a flat magnetic surface. The magnet is designed to withstand temperatures up to 150°C.

Neuron Magnetic Base: PN 422781



Neuron M12 extension cable, 3m

The Neuron M12 extension cable, 3m, is a extension cabel to use with the Neuron Vibration RMS HT sensor. The sensor comes with 2 meter cable, and may be extended up to max. 5 meter by using this cable.

Neuron M12 extension cable, 3m: PN 422707

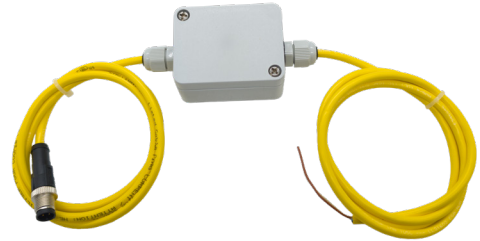


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Neuron Pulse Level Converter

The Neuron Pulse Counter (PN: 422709 (EU) 422710 (FCC)) have a input level of maximum 5V. To enable the Pulse Counter to be used in e.g. 24V loops you will need to connect the Neuron Pulse Level Converter between your equipment and the Pulse Counter.

Input: 5.5-30VDC



Neuron Pulse Level Converter: PN 422799

Neuron Antennas

LTE Antenna

ISM Antenna

Antenna Cable

If gateway or actuator are to be mounted in a steel cabinet, the antennas must be outside the cabinet. There may also be situations where the LTE signal is weak and the antenna needs to be placed in a distance from the gateway. Another example may be that the Neuron Ethernet gateway is placed in a distance from some sensors, and it is needed to place one of the ISM antennas nearer to the sensors with the combination of antenna cable and the ISM antenna. For these applications we have suitable accessories to ensure optimal operation. We have chosen antennas with adhesive tape for mounting on non-conductive surfaces.



LTE Antenna, Industrial adhesive-mount, IP67, 2 meter cable: PN 422606

ISM Antenna, Industrial adhesive-mount, IP67, 2 meter cable: PN422607

Antenna cable, coaxial, SMA male-female, 10 meters: PN 422608

Antenna cable, coaxial, SMA male-female, 20 meters: PN 422609

