

# HELIOS-P PRESSURE SENSOR EN

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Example: S-HELI-XXXX-P

The Helios product range is a wireless LPWAN multi-purpose unit with various sensors and probes. It reads industrial measurement transmitters via interfaces such as RS485, I2C, SPI, UART and 4-20mA. Helios sensors have digital and analog inputs/outputs and support sensors up to 12V with AA cells or external power supply. Available with mioty®, LoRaWAN®, NB-IoT and LTE-CAT-M1, they are suitable for indoor and outdoor use. An external antenna ensures optimum reception, even in basements or industrial halls.

## FEATURES

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- Available in LoRaWAN®, mioty® or NB-IoT and LTE-CAT-M1
- Various options available
  - With temperature sensor
  - Differential pressure sensor
- Configuration via downlinks and NFC
- Own pressure sensors can be connected
- Adjustable gas values (pressure high, critical and low)
- Transmission of the values in mbar
- IP65, 25°C to 60°C
- Replaceable batteries

## EXAMPLE APPLICATIONS

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- Smart City applications
- Building management
- Industrial pressure measurement
- Differential pressure measurement

## VERSIONS

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The different versions are listed below.

## PRESSURE SENSORS (INCL. IN SCOPE OF DELIVERY)

Scope of delivery: 2m PUR cable, standard version of pressure sensors, transmission unit, batteries.

| ARTICLE CODE           | FEATURES                                                                                                                                    |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>S-HELI-LOEU-P</b>   | Helios pressure sensor, LoRaWAN®, <b>1</b> pressure sensor included (standard 10 bar, up to 90°C media temp.)                               |
| <b>S-HELI-MIOTY-P</b>  | Helios pressure sensor, mioty®, <b>1</b> pressure sensor included in scope of delivery (standard 10 bar, up to 90°C media temp.)            |
| <b>S-HELI-NBM1-P</b>   | Helios pressure sensor, NB-IoT+LTE-CAT-M1, <b>1</b> pressure sensor included in scope of delivery (standard 10 bar, up to 90°C media temp.) |
| <b>S-HELI-LOEU-2P</b>  | Helios pressure sensor, LoRaWAN®, <b>2</b> pressure sensors included (standard 10 bar, up to 90°C media temp.)                              |
| <b>S-HELI-MIOTY-2P</b> | Helios pressure sensor, mioty®, <b>2</b> pressure sensors included (standard 10 bar, up to 90°C media temp.)                                |
| <b>S-HELI-NBM1-2P</b>  | Helios pressure sensor, <b>2</b> pressure sensors included (standard 10 bar, up to 90°C media temp.)                                        |

## PRESSURE SENSORS AND WITH TEMPERATURE SENSORS

Scope of delivery: Cable 2m PUR, pressure sensors in standard version, temperature sensors in standard version (2m), transmission unit, batteries.

| ARTICLE CODE             | FEATURES                                                                                                                           |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>S-HELI-LOEU-P-1T</b>  | Helios pressure sensor, LoRaWAN®, <b>1</b> pressure sensor included (standard 10 bar, up to 90°C media temp.)                      |
| <b>S-HELI-MIOTY-P-1T</b> | Helios pressure sensor, mioty®, <b>1</b> pressure sensor included in scope of delivery (standard 10 bar, up to 90°C media temp.)   |
| <b>S-HELI-NBM1-P-1T</b>  | Helios pressure sensor, NB-IoT+LTE-CAT-M1, <b>1</b> pressure sensor in scope of delivery (standard 10 bar, up to 90°C media temp.) |

## GENERIC PRESSURE SENSORS

Scope of delivery: Transmission unit, batteries, sensors must be connected yourself.

| ARTICLE CODE               | FEATURES                                                                                                                                                                                                                       |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>S-HELI-LOEU-GEN-2P</b>  | Helios LoRaWAN® transmission unit for connecting <ul style="list-style-type: none"> <li>• 1x pressure sensor <u>or</u></li> <li>• 2x pressure sensor <u>or</u></li> <li>• 1x pressure sensor, 1x temperature sensor</li> </ul> |
| <b>S-HELI-MIOTY-GEN-2P</b> | Helios transmission unit mioty® for connecting <ul style="list-style-type: none"> <li>• 1x pressure sensor <u>or</u></li> <li>• 2x pressure sensor <u>or</u></li> <li>• 1x pressure sensor, 1x temperature sensor</li> </ul>   |

**S-HELI-NBM1-GEN-2P**

Helios transmission unit NB-IoT, CAT-M1 for the connection of

- 1x pressure sensor or
- 2x pressure sensor or
- 1x pressure sensor, 1x temperature sensor

Further versions on request!



mioty

