

JUNO IX BSX GENERAL DESCRIPTION EN



The Juno iX BSX is an industrial operating hours counter and on/off monitor with connectivity options via mioty®, LoRaWAN®, or cellular (e.g., NB-IoT). It reliably records operating hours and supports the optimization of maintenance cycles by analyzing vibrations or the magnetic field in real time. Thanks to its robust construction and IP69k protection, the Juno iX BSX is ideal for demanding environments and can withstand dust, water, and high pressures.

FEATURES

- LoRaWAN®, mioty®, or NB-IoT/LTE-CAT-M1 communication
- IP69k, -25°C to 85°C, optionally with temperature and relative humidity sensor IP67
- Reliable operating hour counting based on vibration and/or the magnetic field of electrical machines
- On/off counting
- 3-axis magnetic field and vibration sensors
- Onboard data analysis (FFT)
- Can be activated with a magnet (no smartphone required) or via NFC
- Configurable via downlinks, NFC/BLE
- Adjustable threshold values
- Replaceable AA cells (LiSOCl₂, see Saft LS14500)
- Acoustic signal during configuration or

EXAMPLE APPLICATIONS

- Monitoring the on/off status of machines
- Optimization of machine maintenance cycles
- Optimization cycles for cranes and lifting equipment
- Condition monitoring of pumps

VERSIONS

ARTICLE CODE	FEATURES
S-JUNO-IX-LOEU-BSX-BM	INDUSTRIAL JUNO IP69k Operating hours counter with magnetic field sensor LoRaWAN®
S-JUNO-IX-MIOTY-BSX-BM	INDUSTRIAL JUNO IP69k Operating hours counter with magnetic field sensor mioty®
S-JUNO-IX-NBM1-BSX-BM	INDUSTRIAL JUNO IP69k Operating hours counter with magnetic field sensor Cellular
S-JUNO-IX-LOEU-BSX-BM-TH	INDUSTRIAL JUNO IP67 Operating hours counter and TH sensor, temperature and relative humidity with magnetic field sensor LoRaWAN® - only available on request and MOQ -
S-JUNO-IX-MIOTY-BSX-BM-TH	INDUSTRIAL JUNO IP67 Operating hours counter and TH sensor, temperature and relative humidity with magnetic field sensor mioty® - only available on request and MOQ -
S-JUNO-IX-NBM1-BSX-BM-TH	INDUSTRIAL JUNO IP67 operating hours counter and TH sensor, temperature and relative humidity with magnetic field sensor Cellular - only available on request and MOQ -
S-JUNO-IX-LOEU-BSX	INDUSTRIAL JUNO IP69k operating hours counter and TH sensor, temperature and relative humidity with magnetic field sensor LoRaWAN®
S-JUNO-IX-MIOTY-BSX	INDUSTRIAL JUNO IP69k operating hours counter with vibration and magnetic field sensor mioty®
S-JUNO-IX-NBM1-BSX	INDUSTRIAL JUNO IP69k Operating hours counter with vibration and magnetic field sensor Cellular
S-JUNO-IX-LOEU-BSX-TH	INDUSTRIAL JUNO IP67 Operating hours counter with vibration and magnetic field sensor LoRaWAN® - only available on request and MOQ
S-JUNO-IX-MIOTY-BSX-TH	INDUSTRIAL JUNO IP67 operating hours counter with vibration and magnetic field sensor mioty® - only available on request and MOQ -
S-JUNO-IX-NBM1-BSX-TH	INDUSTRIAL JUNO IP67 operating hours counter with vibration and magnetic field sensor Cellular - available only on request and with MOQ -

