

N2[®] Sensor Nodes



The system of **N2[®] Sensor Nodes** remotely monitors blade wear, monitors temperature conditions, and monitors other generic applications including but not limited to air cannon performance and pneumatic pressure.

The N2[®] Sensor Nodes receive information and transmit information to the cloud for monitoring via the N2[®] OnSite mobile application.

Only Compatible with N2 Gateways P/N EGC028XXXX.

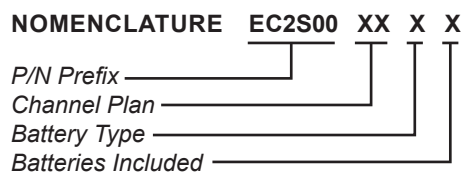
N2[®] SENSOR NODE ACCESSORIES/ REPLACEMENT PARTS

Part Number	Description
EG10019	Replacement Antenna
EG10046	Replacement AA Batteries
EG10089	Replacement D Batteries
EGP00210M12	Pressure Transducer
EG10091100	Cable 1m (3.3ft)
EG10091150	Cable 1.5m (4.9ft)

BENEFITS

- Remotely transfer information on blade wear
- Capable of 0 - 10 BAR (0-145 PSI) applications
- Compact sturdy design for generic applications
- Inform when an abnormal condition is present
- Remotely monitor substantial changes in temperature
- 1-2+ year battery life from lithium ion batteries
- Water and Dust-Proof to a IP67 Rating

N2[®] BLADE WEAR SENSOR



CHANNEL PLAN

- 01: AS923-1
- 05: AU915
- 08: EU868
- 09: IN865
- 12: US915

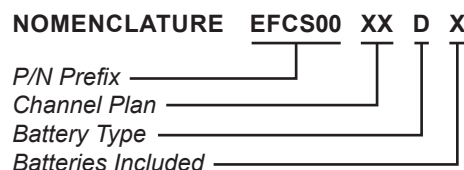
BATTERY TYPE

- A: AA Battery
- D: D Battery

BATTERIES INCLUDED

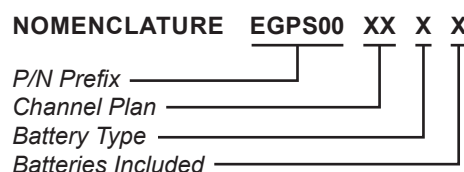
- B: With Battery
- L: Less Battery

N2[®] AIR CANNON SENSOR FOR HIGH TEMPERATURE APPLICATIONS*



*Only D batteries are compatible with N2[®] Air Cannon Sensor for high temperature applications.

N2[®] PRESSURE SENSOR FOR GENERIC APPLICATIONS - 0 - 10 BAR [0 - 145 PSI]



TECHNICAL DATA SHEET

N2 SENSOR NODE SPECIFICATIONS

Operating Temperature Range	
AA Battery	D Battery
-30°C to 60°C (-22°F to 140°F)	-30°C to 85°C (-22°F to 185°F)

NODE PART NUMBERS

Programmed Nodes	Unprogrammed Nodes
EC2S00XXXX	EGC036A
EFCS00XXXX	EGC036D
EGPS00XXXX	

N2 ANTENNA SPECIFICATIONS

Modulation Type	LoRa
Antenna Model	Laird 0600-0028
Antenna Gain	2.5dBi
Antenna Disconnectable	Yes

AIR CANNON SENSOR KIT

(CABLE, TRANSDUCER, AND ADAPTER)

Part Number
EFCS01XXXX

WIRELESS SPECIFICATIONS

Operational Frequency	Contains FCC ID:	Anatel Number
863MH to 928MHz	2ADHKR34M	20340-23-13380

LITHIUM BATTERY INSTRUCTIONS

Safety Instructions	
- Only use batteries with the correct polarity. - Do not use damaged or leaking batteries. - Only use battery types that have been approved by the manufacturer.	
Disposal Instructions	
Hand lithium battery over to an authorized collection point for the recycling of waste electrical and electronic equipment.	 



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QUALITY SYSTEM
CERTIFIED BY DNV
ISO 9001**

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