NODE Series is an industrial class edge device for near real time monitoring of industrial machine, equipment or instrument parameters. NOD200 and NOD300 are part of NODE Series's IIOT (Industrial Internet of things) portfolio and are equipped with industrial standard 4-20mA sensor interfaces to be used in conjunction with external sensors. Both devices has digital inputs for monitoring the change of state of control unit (s) and has potential free relay outputs which can be used for controlling external machines, instruments or outputs in general. For integrating into the world of internet connectivity, devices have integrated Wi-Fi, GSM and Bluetooth.

NOD200 and NOD300 seamlessly monitors machine or instruments parameters and securely send it to remote server based software or standalone software over Wi-Fi or GSM for remote monitoring and decision making. Using Mobile App., users can easily configure device as per requirement. The Mobile App is available on Play Store and App store for downloading.



User Login Sign in
User Nome
Password
Login
Forgot password ? Write to info@nodeininstruments.com
Google Play

Mobile App : NOD IIOT

NodelN Instruments info@nodeininstruments.com

NodeIN Instruments

Product Features

Features	NOD200	NOD300
Plug-n-play installation	✓	\checkmark
Monitor temperature, pressure, vibration etc. parameters over 4-20mA analog input	✓	✓
2x 4-20mA ports	~	✓
Four digital inputs	~	~
Four potential free relay outputs	~	✓
RS485 Modbus	×	~
Device setting over user friendly Mobile App: NOD-IIOT	~	✓
Mapping of digital inputs and analog thresholds to outputs	~	✓
Analog sensor threshold setting	~	✓
Configurable time intervals and schedules	~	✓
Alert/warning set points	~	✓
Secure data transfer using TCP-IP/MQTT/HTTP over Wi-Fi	~	✓
Secure data transfer using TCP-IP/MQTT/HTTP over GPRS	×	✓
FOTA for remote software upgrade	~	✓
16GB internal SD card	~	✓
Battery backup for app. 2 hours	×	✓
LED indication for power ON and communication	~	✓
IP 65 wall mount enclosure	~	✓

Typical Applications

Smart Factory: Accurately monitor your machines, plant/factory production instruments and environmental conditions to ensure everything is healthy and running as desired.

Examples: Centrifugal Compressor & HT Motor, Interface with Machine control panels & PLC's for remote data analysis and corrective actions.

Conveyor Belts : Enabling operators to track speed, misalignment, damage, thickness and wear, slippage and temperature of conveyor belts in real time, and therefore anticipate maintenance, avoid unplanned Down time and improve belt reliability and lifetime

Heavy Equipment Monitoring : Monitor and analysis heavy equipment usage and operation for predictive maintenance.

Food & Beverages industry : Factory/warehouse environment monitoring

Technical Specifications

INPUT POWER SUPPLY • Input Voltage: 12-24VDC • Max. power consumption :< 0.5 VA (during data transmission) INDICATION • LED Indication. Power ON- Green Communication- Red BATTERY • Lithium Polymer: 3.7 V /2200 mAH • Rechargeable • A Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Inputs : 5VDC/12VDC/24VDC • 4 Digital Outputs -potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES STANDARD ACCESSORIES • 1 meter Cables RS485 • Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION WI-FI- • 2.4 GHz WI-FI • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS: • LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 • Protocol supported: TCP-IP/HTTP/MQTT	Specs	
INPOT POWER SUPPLY Max. power consumption :< 0.5 VA (during data transmission) INDICATION LED Indication. Power ON- Green Communication-Red BATTERY Lithium Polymer: 3.7 V /2200 mAH Rechargeable V100000000 V4 Digital Inputs : SVDC/12VDC/24VDC V4 Digital Outputs-potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES I meter Cables RS485 Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION Wi-Fit: 2.4 GHz Wi-Fit 802.11b/g/n Bit rate: 802.11n up to 150 Mbps Protocol supported: TCP-IP/HTTP/MQTT SUPTOCOL Support 1.4/3/5/10/15/20 MHz RF bandwidth Transmiting Power-Class 4 for EGSM850 Class 4 for EGSM900 Protocol support 2.7 (3/25/20 MHz RF bandwidth) Transmiting Power-Class 4 for EGSM850 Class 4 for EGSM900 Protocol support 1.4/3/5/10/15/20 MHz RF bandwidth Transmiting Power-Class 4 for EGSM850 Class 4 for EGSM900 Protocol supported: TCP-IP/HTTP/MQTT BUETOOTH-(For device configuration only) Bluetooth V4.2 BR/EDR and Bluetooth LE Class-1, class-2 and class-3 transmitter SENSOR INTERFACES 4-20MA sensor interface-2 ports ENVIRONMENTAL SPECIFICATIONS Operating temperature: -20 °C to 75 °C Storage temperature: -20 °C to 75 °C Stora		Input Voltage: 12-24VDC
INDICATION • LED Indication. Power ON- Green Communication- Red BATTERY • Lithium Polymer: 3.7 V/2200 mAH • Rechargeable • A Digital Inputs : SVDC/12VDC/24VDC • 4 Digital Outputs - potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES • 1 meter Cables RS485 • Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION Wi-Fi: • 2.4 GHz Wi-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol: Modbus RTU COMMUNICATION Wi-Fi: • 2.4 GHz Wi-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class-4 class-2 and class -3 artansmitter SENSOR INTERFACES • 4-20mA sensor interface-2 ports ENVIRONMENTAL SPECIFICATIONS • Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 75	INPUT POWER SUPPLY	
Communication- Red BATTERY Lithium Polymer: 3.7 V /2200 mAH Rechargeable INPUTS/OUPTUTS 4 Digital Inputs : SVDC/12VDC/24VDC 4 Digital Outputs - potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES • 1 meter Cables RS485 • Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION Wi-Fi- • 2.4 GHz Wi-Fi S02.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPR5- • Protocol support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM800 Class 4 for EGSM800 • Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-: (For device configuration only) BLUEDOTH-: (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitter • Class-1, class-2 and class-3 transmitter SENSOR INTERFACES • 4-20mA sensor interface- 2 ports ENVIRONMENTAL SPECIFICATIONS • Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing) MECHANICAL SPECIFICATIONS • Wall Mount IP 65 enclosure. • NOD200	INDICATION	
BATTERY Lithium Polymer: 3.7 V /2200 mAH Rechargeable NPUTS/OUPTUTS 4 Digital Inputs: SVDC/12VDC/24VDC 4 Digital Outputs -potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES 1 meter Cables 8 and rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION WI-FI: 2.4 GHz WI-Fi 802.11b/g/n Bit rate: 802.11n up to 150 Mbps Protocol supported: TCP-IP/HTTP/MQTT GPRS-: LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth Transmitting Power-Class 4 for EGSM850 Class 4 for EGSM900 Protocol Supported: TCP-IP/HTTP/MQTT BUETOOTH- (for device configuration only) Bluetooth V4.2 BR/EDR and Bluetooth LE Class-1, class-2 and class-3 transmitter SENSOR INTERFACES 4-20mA sensor interface-2 ports Operating temperature: -20 °C to 75 °C Storage temperature: -20 °C to 85 °C Humidity: up to 95% RH (Non-condensing) MECHANICAL SPECIFICATIONS Wall Mount IP 65 enclosure. NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 220 grams NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 grams *ROHS Compliant, *CE (Conformité Européenne), *SIRIM APPROVALS/PRODUCT STANDARDS 		Power ON- Green
• Rechargeable INPUTS/OUPTUTS • 4 Digital Inputs : SVDC/12VDC/24VDC • 4 Digital Outputs -potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES • 1 meter Cables RS485 • Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION WI-FI: • 2.4 GHz WI-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • UTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 • Protocol supported: TCP-IP/HTTP/MQTT BUEFTOOTH- (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitter SENSOR INTERFACES • 4-20mA sensor interface-2 ports ENVIRONMENTAL SPECIFICATIONS • Operating temperature: -20 °C to 75 °C • Humidity: up to 95% RH (Non-condensing) Wall Mount IP 65 enclosure. • NOD200 NOmensions: 80 x 120 x 35 mm (L x H x W)		Communication- Red
• Rechargeable INPUTS/OUPTUTS • 4 Digital Inputs : SVDC/12VDC/24VDC • 4 Digital Outputs -potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES • 1 meter Cables RS485 • Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION WI-FI: • 2.4 GHz WI-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • UTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 • Protocol supported: TCP-IP/HTTP/MQTT BUEFTOOTH- (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitter SENSOR INTERFACES • 4-20mA sensor interface-2 ports ENVIRONMENTAL SPECIFICATIONS • Operating temperature: -20 °C to 75 °C • Humidity: up to 95% RH (Non-condensing) Wall Mount IP 65 enclosure. • NOD200 NOmensions: 80 x 120 x 35 mm (L x H x W)	BATTERY	• Lithium Polymer: 3.7 V /2200 mAH
INPUTS/OUPTUTS 4 Digital Inputs : 5VDC/12VDC/24VDC 4 Digital Outputs - potential free relay Rating: 2A/24VDC, 1A/230VAC STANDARD ACCESSORIES 1 meter Cables 8 Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION WI-FI: 2.4 GHz Wi-Fi 8.00.2.11b g/n 8 Bit rate: 802.11n up to 150 Mbps Protocol supported: TCP-IP/HTTP/MQTT GPRS: ILTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH: (For device configuration only) 8 Bluetooth V4.2 BR/EDR and Bluetooth LE Class-1, class-2 and class-3 transmitter SENSOR INTERFACES 4-20mA sensor interface-2 ports Operating temperature: -20 °C to 75 °C Storage temperature: -20 °C to 75 °C Storage temperature: -20 °C to 85 °C Humidity: up to 95% RH (Non-condensing) MECHANICAL SPECIFICATIONS Wall Mount IP 65 enclosure. NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 grams APPROVALS/PRODUCT STANDARDS		•
• 4 Digital Outputs -potential free relay Rating: 24/24VDC, 14/230VAC STANDARD ACCESSORIES • 1 meter Cables RS485 • Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMMUNICATION WI-FI: • 2.4 GHz WI-Fi • 802.11b/g/n OMMUNICATION • IT ter 802.11 nu pto 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM800 • Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-: (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitter SENSOR INTERFACES • 4-20mA sensor interface-2 ports ENVIRONMENTAL SPECIFICATIONS • Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing) MECHANICAL SPECIFICATIONS • Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) APPROVALS/PRODUCT STANDARDS • *ROHS Compliant, *CE (Conformité Européenne), *SIRIM	INPUTS/OUPTUTS	-
STANDARD ACCESSORIES• 1 meter CablesRS485• Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTUCOMMUNICATIONWI-FI-: • 2.4 GHz WI-FI • 8.802.11h up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 • Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-: (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitterSENSOR INTERFACES• 4-20mA sensor interface- 2 portsENVIRONMENTAL SPECIFICATIONS• Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing)MECHANICAL SPECIFICATIONS• Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 gramsAPPROVALS/PRODUCT STANDARDS• *ROHS Compliant, *CE (Conformité Européenne), *SIRIM		 4 Digital Outputs -potential free relay
RS485 • Baud rate: 9600 Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTU COMIMUNICATION WI-Fi: • 2.4 GHz Wi-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 • Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-: (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitter SENSOR INTERFACES • 4-20mA sensor interface- 2 ports ENVIRONMENTAL SPECIFICATIONS • Operating temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing) MECHANICAL SPECIFICATIONS • Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 grams • ROHS Compliant, *CE (Conformité Européenne), *SIRIM		Rating: 2A/24VDC, 1A/230VAC
Data format: 8 Data bits, no parity, 1 stop bit Protocol: Modbus RTUCOMMUNICATIONWI-Fi-: • 2.4 GHz Wi-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • LTE Features - Support Cat 1 FDD and TDD support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM800 • Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-> (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitterSENSOR INTERFACES4-20mA sensor interface- 2 portsENVIRONMENTAL SPECIFICATIONS• Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing)MECHANICAL SPECIFICATIONS• Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 gramsAPPROVALS/PRODUCT STANDARDS• *ROHS Compliant, *CE (Conformité Européenne), *SIRIM	STANDARD ACCESSORIES	• 1 meter Cables
Protocol: Modbus RTUCOMMUNICATIONWi-Fi-: • 2.4 GHz Wi-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS-: • LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 • Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-: (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitterSENSOR INTERFACES• 4-20mA sensor interface-2 portsENVIRONMENTAL SPECIFICATIONS• Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing)MECHANICAL SPECIFICATIONS• Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 gramsAPPROVALS/PRODUCT STANDARDS• *ROHS Compliant, *CE (Conformité Européenne), *SIRIM	RS485	Baud rate: 9600
COMMUNICATION WI-FI-: • 2.4 GHz Wi-Fi • 802.11b/g/n • Bit rate: 802.11n up to 150 Mbps • Protocol supported: TCP-IP/HTTP/MQTT GPRS: • LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth • Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 • Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-: (For device configuration only) • Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitter SENSOR INTERFACES • 4-20mA sensor interface- 2 ports • Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing) MECHANICAL SPECIFICATIONS • Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 grams APPROVALS/PRODUCT STANDARDS		Data format: 8 Data bits, no parity, 1 stop bit
 2.4 GHz Wi-Fi 802.11b/g/n Bit rate: 802.11 up to 150 Mbps Protocol supported: TCP-IP/HTTP/MQTT GPRS-: LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900 Protocol supported: TCP-IP/HTTP/MQTT BLUETOOTH-: (For device configuration only) Bluetooth V4.2 BR/EDR and Bluetooth LE Class-1, class-2 and class-3 transmitter SENSOR INTERFACES 4-20mA sensor interface- 2 ports ENVIRONMENTAL SPECIFICATIONS Operating temperature: -20 °C to 75 °C Storage temperature: -20 °C to 85 °C Humidity: up to 95% RH (Non-condensing) MECHANICAL SPECIFICATIONS Wall Mount IP 65 enclosure. NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 grams APPROVALS/PRODUCT STANDARDS * ROHS Compliant, *CE (Conformité Européenne), *SIRIM 		Protocol: Modbus RTU
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GPRS-:• LTE Features - Support Cat 1 FDD and TDD Support 1.4/3/5/10/15/20 MHz RF bandwidth• Transmitting Power - Class 4 for EGSM850 Class 4 for EGSM900• Protocol supported: TCP-IP/HTTP/MQTTBLUETOOTH-: (For device configuration only)• Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitterSENSOR INTERFACES• 4-20mA sensor interface- 2 portsENVIRONMENTAL SPECIFICATIONS• Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing)MECHANICAL SPECIFICATIONS• Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 gramsAPPROVALS/PRODUCT STANDARDS• *ROHS Compliant, *CE (Conformité Européenne), *SIRIM		
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Support 1.4/3/5/10/15/20 MHz RF bandwidth• Transmitting Power- Class 4 for EGSM850 Class 4 for EGSM900• Protocol supported: TCP-IP/HTTP/MQTTBLUETOOTH-: (For device configuration only)• Bluetooth V4.2 BR/EDR and Bluetooth LE • Class-1, class-2 and class-3 transmitterSENSOR INTERFACES• 4-20mA sensor interface- 2 portsENVIRONMENTAL SPECIFICATIONS• Operating temperature: -20 °C to 75 °C • Storage temperature: -20 °C to 85 °C • Humidity: up to 95% RH (Non-condensing)MECHANICAL SPECIFICATIONS• Wall Mount IP 65 enclosure. • NOD200 Dimensions: 80 x 120 x 35 mm (L x H x W) Weight: 200 grams • NOD300 Dimensions: 197.5 x 90 x 45.5 mm (L x H x W) Weight: 225 gramsAPPROVALS/PRODUCT STANDARDS• *ROHS Compliant, *CE (Conformité Européenne), *SIRIM		
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	APPROVALS/PRODUCT STANDARDS	
		*By design compliant, certifications awaited imminently

Mounting Screws & Terminal Specifications

Screws	
M4x20	2x NOD200, 4x NOD300
M4 Plain Washer	2x NOD200, 4x NOD300

Power Supply	Terminal Connector	Colour Code
Positive	4 Way	Red
Negative	4 Way	Black

Sensor Input	Terminal Connector	Colour Code
Sensor Input 1	4 Way	Light Grey/Orange
Sensor Input 2	4 Way	White/Blue

Note: 1.For 4-20 mA sensor input adhere to the specified colour code for accurate connections. 2.Connect sensor + wire to power supply positive terminal.

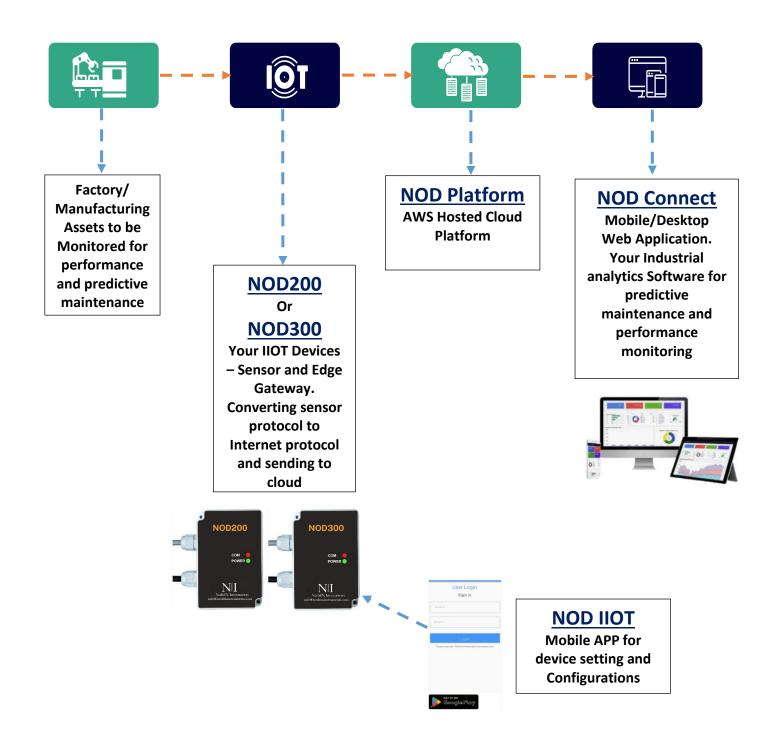
Digital Input	Terminal Connector	Colour Code
Digital Input 1	5 Way	Dark Brown
Digital Input 2	5 Way	Dark Grey
Ground	5 Way	Green
Digital Input 3	5 Way	Yellow
Digital Input 4	5 Way	Violet

Note: 1.Follow the correct colour code for each input.

Digital Output	Terminal Connector	Colour Code
Digital Output 1	6 Way	Black
		Violet
		Green
Digital Output 2		Grey/Light Grey
		Yellow
		White/Blue
Digital Output 3	6 Way	White
		Blue
		Brown
Digital Output 4		Orange
		White/Green
		Red

Note: 1.Follow the correct colour code for each output.

Complete Solution Provider (End to End)



Note: 1.Solutions can be customised based on your requirements.