



TE Internal #: 20023435-45

Wireless Pressure Transducer, Absolute, Frequency Band 915 MHz,
Intrinsically Safe, LoRaWAN Output Signal Type, 3X Rated Proof
Pressure Range

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Sensors > Pressure Sensors > Pressure Transducers > LoRaWAN Wireless Pressure Transducer (69XXN)



Pressure Sensor Type: **Wireless Pressure Transducer**

Pressure: **7 bar [100 psi]**

Pressure Type: **Absolute**

Frequency Band: **915 MHz**

Hazardous Area Approval: **Intrinsically Safe**

[All LoRaWAN Wireless Pressure Transducer \(69XXN\) \(19\)](#)

Features

Product Type Features

Pressure Sensor Type	Wireless Pressure Transducer
Pressure Type	Absolute

Signal Characteristics

Frequency Band	915 MHz
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Dimensions

Product Diameter	39.8 mm[1.57 in]
Product Height	77.47 mm[3.05 in]

Usage Conditions

Pressure	7 bar[100 psi]
Operating Temperature Range	-30 – 75 °C[-22 – 167 °F]

Operation/Application

Output Signal Type	LoRaWAN
Proof Pressure Range	3X Rated
Pressure Accuracy	±0.1% FSO

Industry Standards

Hazardous Area Approval	Intrinsically Safe
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Other

Sensor Options	IP67 Protection
Port Fitting	1/4-18 NPT

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Documents

Datasheets & Catalog Pages
69XXN Pressure BLE_LoRa data sheet
English

Product Specifications
69XXN_Pressure_BLE_LoRa_User_Manual
English
6XX1N Installation Manual EU+NA



English

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- Agency Approvals
 - Agency Approval Document
- English