



TE Internal #: 20023435-42

TE Internal Description: 6911N-EX LoRa 915MHz US AB 20B NPT  
batt

LoRaWAN Wireless Pressure Transducer (69XXN)

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Pressure Sensor Type: **Wireless Pressure Transducer**

Pressure: **20 bar [ 300 psi ]**

Hazardous Area Approval: **Intrinsically Safe**

Pressure Type: **Absolute**

Output Signal Type: **LoRaWAN**

[All LoRaWAN Wireless Pressure Transducer \(69XXN\) \(17\)](#)

Features

Product Type Features

Pressure Sensor Type	Wireless Pressure Transducer
Pressure Type	Absolute

Dimensions

Dimensions	40.2 x 40.2 x 83.66 mm[1.58 x 1.58 x 3.29 in]
Product Diameter	39.8 mm[1.57 in]
Product Height	77.47 mm[3.05 in]

Usage Conditions

Pressure	20 bar[300 psi]
Operating Temperature Range	-30 – 75 °C[-22 – 167 °F]

Operation/Application

Proof Pressure Range	3X Rated
Output Signal Type	LoRaWAN
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	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
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



Agency Approvals

PRODUCTION/PRODUCT QUALITY ASSURANCE NOTIFICATION Presafe 18 ATEX 3158Q

English

EU Type Examination Certificate EPS 23 ATEX 1 117 X Rev 0

English