



Sensors > Pressure Sensors > Pressure Transducers > Bluetooth Wireless Pressure Transducer (65XXN)



Pressure Transducer Sensor Type: **Wireless Pressure Transducer**

Pressure Range: **0 – 500 psi**

Hazardous Area Approval: **Explosion Proof**

Pressure Type: **Gauge**

Pressure Accuracy: **±0.1% FSO**

[All Bluetooth Wireless Pressure Transducer \(65XXN\) \(16\)](#)

Features

Product Type Features

Pressure Transducer Sensor Type	Wireless Pressure Transducer
Pressure Type	Gauge

Configuration Features

Pressure Port/Fitting	1/4-19 BSPP
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Signal Characteristics

Frequency Band	2400 MHz
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Dimensions

Dimensions	40.2 x 40.2 x 83.66 mm[1.58 x 1.58 x 3.29 in]
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Usage Conditions

Pressure	35 bar[500 psi]
Operating Temperature Range	-30 – 75 °C[-22 – 167 °F]

Operation/Application

Proof Pressure Range	3X
Pressure Range	0 – 500 psi
Pressure Accuracy	±0.1% FSO

Industry Standards

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Wireless Application	Bluetooth
Hazardous Area Approval	Explosion Proof
Other	
Sensor Options	IP67 Protection

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

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_20026680-41_A.3d_stp.zip
- English
- Customer View Model



[ENG_CVM_CVM_20026680-41_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_20026680-41_A.3d_igs.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[65XXN Pressure BLE Data sheet](#)

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