

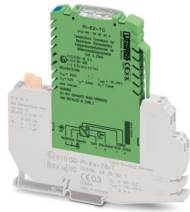
# PI-EX-TC - Signal converter



2865324

<https://www.phoenixcontact.com/us/products/2865324>

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Ex i temperature transducer: converts measured values from thermocouple sensors and mV sources installed in the Ex area to a 0/4 mA ... 20 mA signal for driving a non-intrinsically safe load. Freely programmable. 3-way electrical isolation.

## Commercial data

Item number	2865324
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DK1XXX
GTIN	4046356164283
Weight per piece (including packing)	128.8 g
Weight per piece (excluding packing)	100 g
Country of origin	DE

## Technical data

### Product properties

Product type	Temperature transmitter
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### Electrical properties

Electrical isolation	3-way isolation
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### Input data

#### Measurement

Temperature measuring range	-250 °C ... 1372 °C (Range depending on the sensor type)
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### Output data

#### Switching:

Configurable/programmable	no
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#### Signal

Configurable/programmable	Yes
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### Environmental and real-life conditions

#### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C
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### Approvals

#### ATEX

Identification	⊕ II (1) G [Ex ia Ga] IIC
	⊕ II (1) D [Ex ia Da] IIIC
	⊕ II 3 (1) G Ex nA ic [ia Ga] IIC T4 Gc

#### EAC Ex

Identification	Ex [Ex ia Ga] IIC
Certificate	RU C-DE.AB72.B.00097/19

### Standards and regulations

Electrical isolation	3-way isolation
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## Classifications

### UNSPSC

UNSPSC 21.0	41112100
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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