DATASHEET

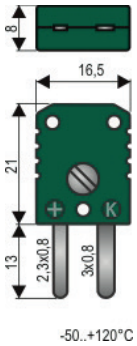
Miniature thermocouple connector

Description



Miniature thermocouple connectors

The thermocouple connectors are polarity-reversal safe and may be used -depending on the execution of the housing- up to 220°C. The contact pins are made exclusively out of solid thermocouples alloys, which insures also a high mechanical stability. Also available in high temperature plastic. The MiniatureThermocouple Connectors are suitable for cable diameters up to 0,5 mm².



Technical data

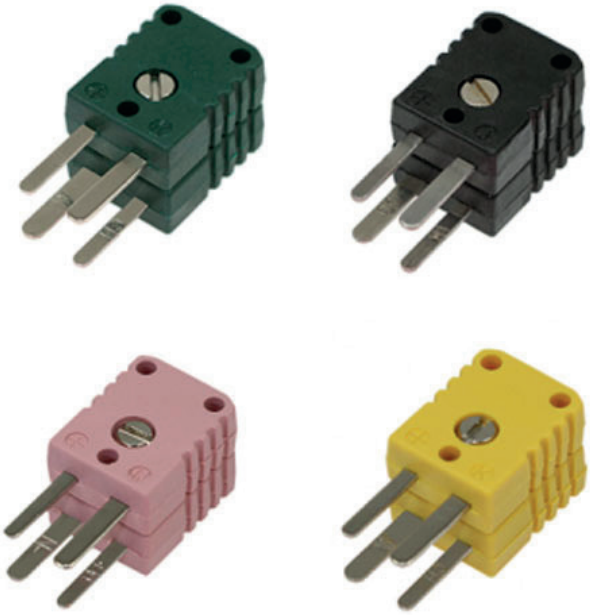
Type	Contact material		Color	Miniature plug
DIN IEC 584	+(small)	-(great)		
K	NiCr	Ni	Green	**0220 0031**
K	NiCr	Ni (ANSI)	Yellow	**0220 0001**
N	NiCr-Si	NiSi	Pink	**0220 0221**
J	Fe	CuNi	Black	**0220 0006**
T	Cu	CuNi	Brown	**0220 0041**
E	NiCr	CuNi	Purple	**0220 0016**
R	Pt13% Rh	Pt	Orange	**0220 0025-20**
S	Pt10% Rh	Pt	Orange	**0220 0026-20**
B	Pt30% Rh	Pt6% Rh	White	**0220 0128**
U	Cu	Cu	White	**0220 0129**

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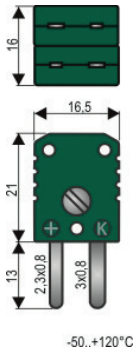
Miniature double plug

Description



Miniature thermocouple connectors

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Technical data

Type	Contact material		Color	Miniature double plug
DIN IEC 584	+(small)	-(great)		
K	NiCr	Ni	Green	**0220 0154**
K	NiCr	Ni (ANSI)	Yellow	**0220 0146**
N	NiCr-Si	NiSi	Pink	**0220 0210**
J	Fe	CuNi	Black	**0220 0147**
T	Cu	CuNi	Brown	**0220 0156**
E	NiCr	CuNi	Purple	**0220 0149**
R	Pt13% Rh	Pt	Orange	**0220 0150-20**
S	Pt10% Rh	Pt	Orange	**0220 0151-20**
B	Pt30% Rh	Pt6% Rh	White	**0220 0152**
U	Cu	Cu	White	**0220 0153**

DATASHEET

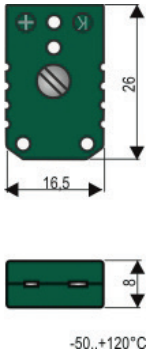
Miniature socket

Description



Miniature thermocouple connectors

The thermocouple connectors are polarity-reversal safe and may be used -depending on the execution of the housing- up to 220°C. The contact pins are made exclusively out of solid thermocouples alloys, which insures also a high mechanical stability. Also available in high temperature plastic. The MiniatureThermocouple Connectors are suitable for cable diameters up to 0,5 mm².



Technical data

Type	Contact material		Color	Miniature socket
DIN IEC 584	+(small)	-(great)		
K	NiCr	Ni	Green	**0220 0032**
K	NiCr	Ni (ANSI)	Yellow	**0220 0002**
N	NiCr-Si	NiSi	Pink	**0220 0222**
J	Fe	CuNi	Black	**0220 0007**
T	Cu	CuNi	Brown	**0220 0042**
E	NiCr	CuNi	Purple	**0220 0017**
R	Pt13% Rh	Pt	Orange	**0220 0027-20**
S	Pt10% Rh	Pt	Orange	**0220 0068-10**
B	Pt30% Rh	Pt6% Rh	White	**0220 0130**
U	Cu	Cu	White	**0220 0131**

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DATASHEET

Miniature double socket

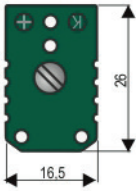
Description

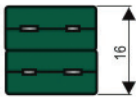





Miniature thermocouple connectors

The thermocouple connectors are polarity-reversal safe and may be used -depending on the execution of the housing- up to 220°C. The contact pins are made exclusively out of solid thermocouples alloys, which insures also a high mechanical stability. Also available in high temperature plastic. The MiniatureThermocouple Connectors are suitable for cable diameters up to 0,5 mm².





-50..+120°C

Technical data

Type	Contact material		Color	Miniature double socket
DIN IEC 584	+(small)	-(great)		
K	NiCr	Ni	Green	**0220 0165**
K	NiCr	Ni (ANSI)	Yellow	**0220 0158**
N	NiCr-Si	NiSi	Pink	**0220 0211**
J	Fe	CuNi	Black	**0220 0159**
T	Cu	CuNi	Brown	**0220 0168**
E	NiCr	CuNi	Purple	**0220 0161**
R	Pt13% Rh	Pt	Orange	**0220 0162-20**
S	Pt10% Rh	Pt	Orange	**0220 0163-20**
B	Pt30% Rh	Pt6% Rh	White	**0220 0164**
U	Cu	Cu	White	**0220 0166**

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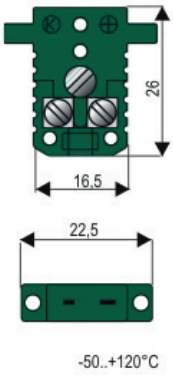
Miniature case

Description



Miniature thermocouple connectors

The thermocouple connectors are polarity-reversal safe and may be used -depending on the execution of the housing- up to 220°C. The contact pins are made exclusively out of solid thermocouples alloys, which insures also a high mechanical stability. Also available in high temperature plastic. The MiniatureThermocouple Connectors are suitable for cable diameters up to 0,5 mm².



Technical data

Type	Contact material		Color	Miniature case
DIN IEC 584	+(small)	-(great)		
K	NiCr	Ni	Green	**0220 0033**
K	NiCr	Ni (ANSI)	Yellow	**0220 0005**
N	NiCr-Si	NiSi	Pink	**0220 0223**
J	Fe	CuNi	Black	**0220 0010**
T	Cu	CuNi	Brown	**0220 0043**
E	NiCr	CuNi	Purple	**0220 0020**
R	Pt13% Rh	Pt	Orange	**0220 0029-20**
S	Pt10% Rh	Pt	Orange	**0220 0069-01**
B	Pt30% Rh	Pt6% Rh	White	**0220 0132**
U	Cu	Cu	White	**0220 0133**

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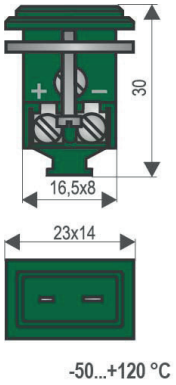
Miniature panel socket

Description



Miniature thermocouple connectors

The thermocouple connectors are polarity-reversal safe and may be used -depending on the execution of the housing- up to 220°C. The contact pins are made exclusively out of solid thermocouples alloys, which insures also a high mechanical stability. Also available in high temperature plastic. The MiniatureThermocouple Connectors are suitable for cable diameters up to 0,5 mm².



-50...+120 °C

Technical data

Type	Contact material		Color	Miniature panel socket
DIN IEC 584	+(small)	-(great)		
K	NiCr	Ni	Green	**0220 0142**
K	NiCr	Ni (ANSI)	Yellow	**0220 0134**
N	NiCr-Si	NiSi	Pink	**0220 0208**
J	Fe	CuNi	Black	**0220 0135**
T	Cu	CuNi	Brown	**0220 0144**
E	NiCr	CuNi	Purple	**0220 0137**
R	Pt13% Rh	Pt	Orange	**0220 0138-20**
S	Pt10% Rh	Pt	Orange	**0220 0139-20**
B	Pt30% Rh	Pt6% Rh	White	**0220 0140**
U	Cu	Cu	White	**0220 0141**

DATASHEET

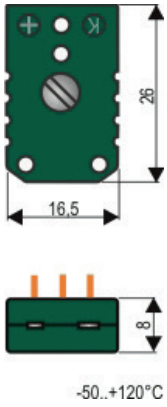
Miniature socket for PCB

Description



Miniature thermocouple connectors

The thermocouple connectors are polarity-reversal safe and may be used -depending on the execution of the housing- up to 220°C. The contact pins are made exclusively out of solid thermocouples alloys, which insures also a high mechanical stability. Also available in high temperature plastic. The MiniatureThermocouple Connectors are suitable for cable diameters up to 0,5 mm².



Technical data

Type	Contact material		Color	Miniature socket for PCB
DIN IEC 584	+(small)	-(great)		
K	NiCr	Ni	Green	**0220 2032**
K	NiCr	Ni (ANSI)	Yellow	**0220 2002**
N	NiCr-Si	NiSi	Pink	
J	Fe	CuNi	Black	**0220 2007**
T	Cu	CuNi	Brown	
E	NiCr	CuNi	Purple	
R	Pt13% Rh	Pt	Orange	
S	Pt10% Rh	Pt	Orange	
B	Pt30% Rh	Pt6% Rh	White	
U	Cu	Cu	White	**0220 2131**

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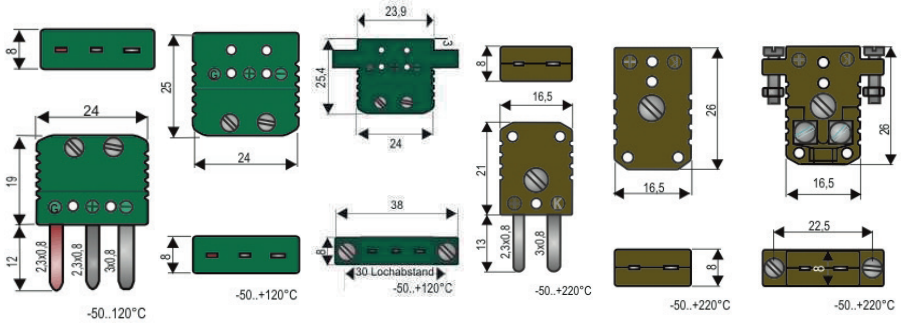
DATASHEET

Miniature thermocouple connectors (other variants)

Description

Miniature thermocouple connectors

The thermocouple connectors are polarity-reversal safe and may be used -depending on the execution of the housing- up to 220°C. The contact pins are made exclusively out of solid thermocouples alloys, which insures also a high mechanical stability. Also available in high temperature plastic. The MiniatureThermocouple Connectors are suitable for cable diameters up to 0,5 mm².



Technical data

Type DIN IEC 584	Contact material +(small)	-(great)	Color	Plug 3 poles	Socket 3 poles	Case 3 poles	HTK miniature plug	HTK miniature socket	HTK miniature case
K	NiCr	Ni	Green	**0220 1031**	**0220 1032**	**0220 1033**	**0220 0247***	**0220 0248***	**0220 0252***
K	NiCr	Ni (ANSI)	Yellow	**0220 1001**	**0220 1002**	**0220 1005**	**0220 0247***	**0220 0248***	**0220 0252***
N	NiCr-Si	NiSi	Pink	**0220 0508**	**0220 0509**	**0220 0510**	**0220 0212***	**0220 0213***	**0220 0214***
J	Fe	CuNi	Black	**0220 1006**	**0220 1007**		**0220 0229***	**0220 0230***	**0220 0231***
T	Cu	CuNi	Brown						
E	NiCr	CuNi	Purple						
R	Pt13% Rh	Pt	Orange						
S	Pt10% Rh	Pt	Orange						
B	Pt30% Rh	Pt6% Rh	White						
U	Cu	Cu	White						

*only available in brown color