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JUMO Instrument Co. Ltd.
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Connectors

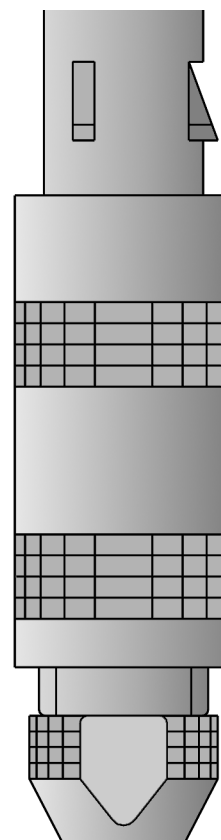
- for temperatures from -60 to +260°C
- problem-free replacement with fixed cables
- quick connection of test instruments

Connectors for thermocouples (pages 1 to 3)

The connection between thermocouple and compensating cable is free from thermal emf if the contacts are made from the same material as the thermocouple.

Connectors for resistance thermometers (pages 4 to 6)

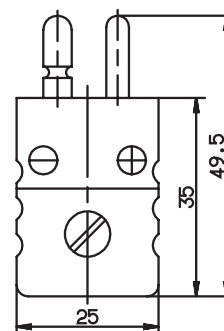
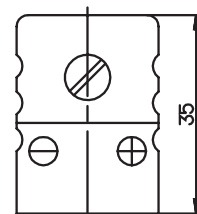
The connection between resistance thermometer and connecting cable must have a low contact resistance to avoid introducing errors into the measurement. This is ensured by gold-plated contacts. The connector incorporates a locking device and is thus protected against shock and vibration.



Note: please state sales no. as per price sheet 90.9726 when ordering!

Standard connectors (free from thermal emf) for temperatures from -60 to +200°C

Thermocouple	Color to ANSI	Part no.
Standard coupling, plastic		
Fe-Con J	black	00049880 ●
NiCr-Ni K	yellow	00049881 ●
Pt10Rh-Pt S	green	00057278 ●
Standard connector, plastic		
Fe-Con J	black	00044255 ●
NiCr-Ni K	yellow	00044256 ●
Pt10Rh-Pt S	green	00057277 ●



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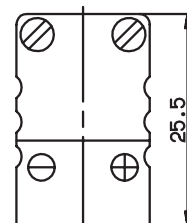


Miniature connectors (free from thermal emf) for temperatures from -60 to +200°C

Thermocouple	Color to ANSI	Part no.
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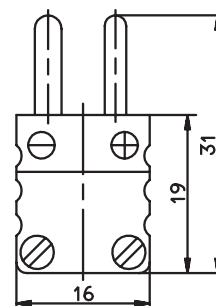
Miniature coupling, plastic

Fe-Con J	black	00057286 ●
NiCr-Ni K	yellow	00057287 ●
Pt10Rh-Pt S	green	00057288 ●



Miniature plug, plastic

Fe-Con J	black	00057283 ●
NiCr-Ni K	yellow	00057284 ●
Pt10Rh-Pt S	green	00057285 ●



● available from stock

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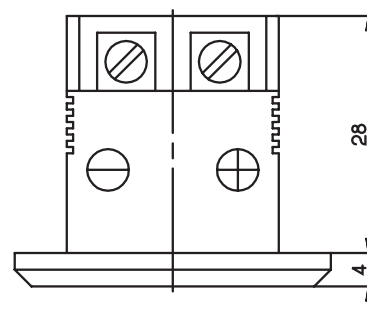
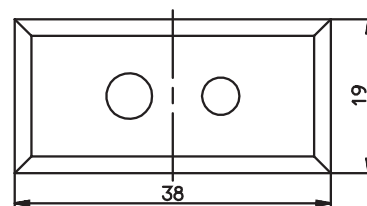
Item 2

Standard sockets for front panel with mounting plate for temperatures from -60 to +200°C

Thermocouple	Color to ANSI	Part no.
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Standard socket, plastic

Fe-Con J	black	00057279 ●
NiCr-Ni K	yellow	00057280 ●
Pt10Rh-Pt S	green	00057281 ●



Note: panel cut-out 13mm x 27mm
 panel thickness up to 5.0 mm.

● available from stock

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Item 3

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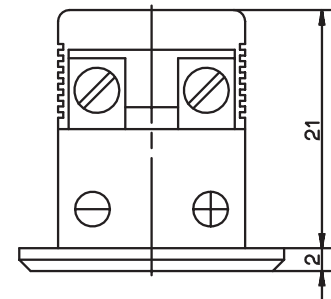
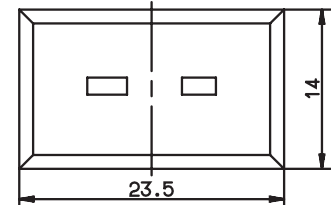
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Miniature socket for front panel with mounting plate for temperatures from -60 to +200 °C

Thermocouple	Color to ANSI	Part no.
Miniature socket, plastic		
Fe-Con J	black	00057289 ●
NiCr-Ni K	yellow	00057290 ●
Pt10Rh-Pt S	green	00057291 ●



Note: panel cut-out 8.5 mm x 17 mm
 panel thickness up to 5.5 mm

● available from stock

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Item 4

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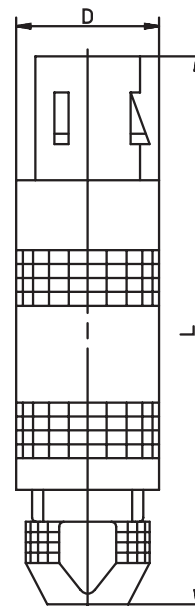
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LEMOSA connectors for temperatures from -60 to +260 °C

Diameter D in mm	Length L in mm	Part no.
LEMOSA plug 2-pin, size 0 for cable diameters up to 4.2 mm		
9	34.5	00049838 ●
LEMOSA plug 4-pin, size 0 for cable diameters up to 4.2 mm		
9	34.5	00049879 ●
LEMOSA plug 2-pin, size II for cable diameters up to 5.2 mm		
15	50.0	00049836 ●
LEMOSA plug 4-pin, size II for cable diameters up to 5.2 mm		
15	50.0	00049837 ●

Note: mineral-insulated resistance thermometers, see Data Sheet 90.2221



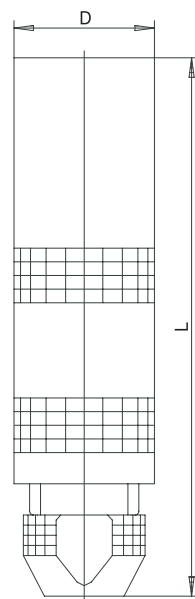
● available from stock

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Item 5

LEMOSA coupling for temperatures from -60 to +260 °C

Diameter D in mm	Length L in mm	Part no.
LEMOSA coupling 2-pin, size 0 for cable diameters up to 4.2 mm		
9	35.0	00044806 ●
LEMOSA coupling 4-pin, size 0 for cable diameters up to 4.8 mm		
9	35.0	00326987 ●
LEMOSA coupling 4-pin, size II for cable diameters up to 6.7 mm		
15	52.5	00058087 ●



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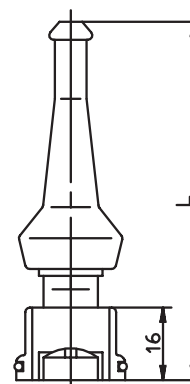
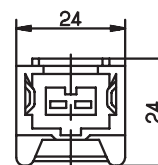
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Coupling for screw-in resistance thermometers

JUMO VIBROtemp Type 902004/10

Length L in mm	Temperature in °C	Part no.
Coupling, 4-part		
53	-20 to +80	00201426 ●
Coupling, 6-part, sealed to IP65		
80	-50 to +140	00089930 ●



Note: screw-in resistance thermometers, see Data Sheet 90.2004.

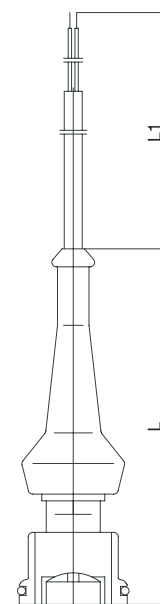
● available from stock

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Item 7

Coupling with silicone-insulated connecting cable for screw-in resistance thermometers JUMO VIBROtemp Type 902004/10, IP65

Length L in mm	L1 in mm	Temperature in °C	Part no.
80	2500	-50 to + 140	00308880 ●



Note: screw-in resistance thermometers, see Data Sheet 90.2004

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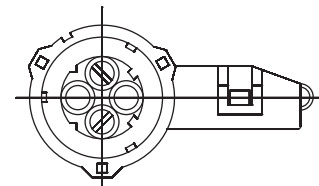
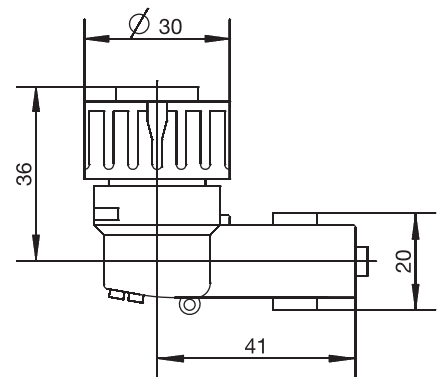
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Coupling for screw-in resistance thermometers

JUMO VIBROtemp Type 902004/15, IP67 / IP69K

	Temperature in °C	Part No.
Coupling, 6-part, sealed, IP67 / IP69K	-40 to +130	00439715 ●



Note: screw-in resistance thermometers, see Data Sheet 90.2004.

● available from stock

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Item 9