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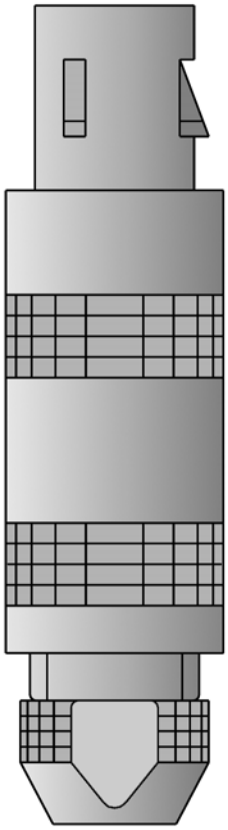
Connectors



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

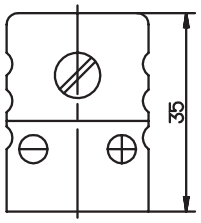
Connectors for thermocouples (pages 1 to 3)
The connection between thermocouple and compensating cable is free from thermal emf if the contacts are made from the same material as the thermocouple.

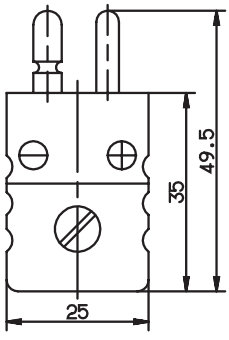
Connectors for RTD temperature probes (pages 4 to 6)
The connection between resistance thermometer and connecting cable must have a low contact resistance to avoid introducing errors into the measurement. This is ensured by gold-plated contacts. The connector incorporates a locking device and is thus protected against shock and vibration.

Note: please state sales no. as per price sheet 90.9760 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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Item 1

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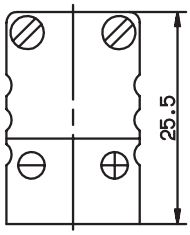
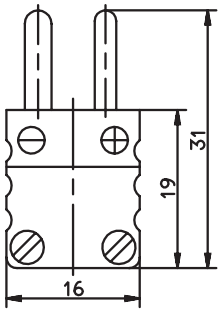
Miniature connectors (free from thermal emf) for temperatures from -60 to +200 °C

Thermocouple	Color to ANSI	Part no.	
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	●



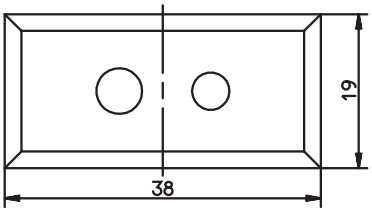


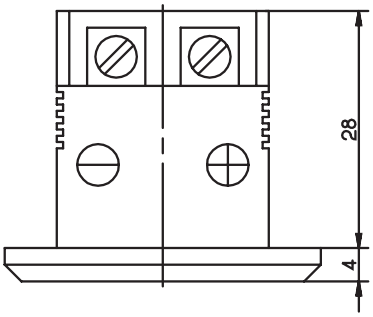
● available from stock

Item 2

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

Thermocouple	Color to ANSI	Part no.	
Standard socket, plastic			
Fe-Con J	black	00057279	●
NiCr-Ni K	yellow	00057280	●
Pt10Rh-Pt S	green	00057281	●





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

● available from stock

Item 3

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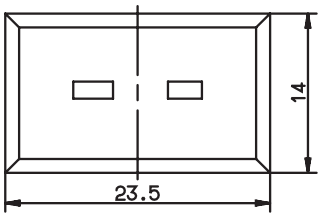
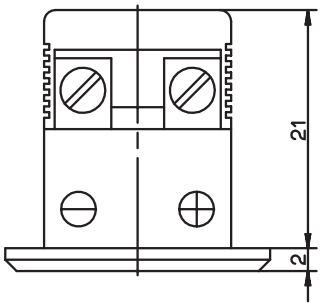
Miniature socket for front panel with mounting plate for temperatures from -60 to +200 °C

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

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Item 4

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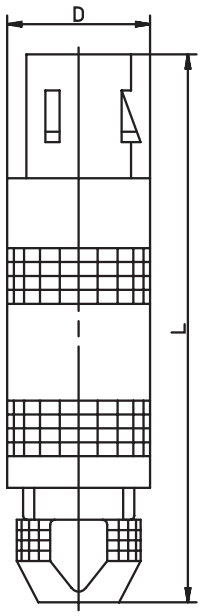
LEMOSA connectors for temperatures from -60 to +260 °C

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 RTD temperature probes, see Data Sheet 90.2210.



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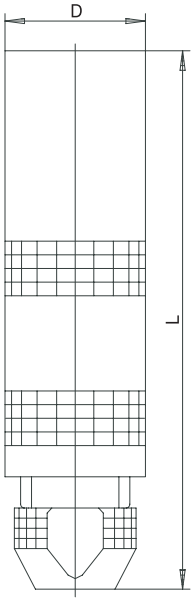
Item 5

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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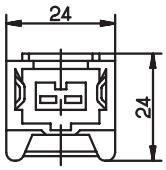
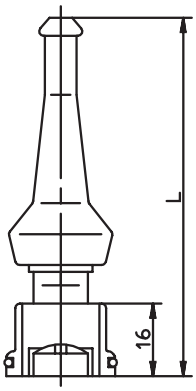
Coupling for screw-in RTD temperature probes JUMO VIBROtemp Type 902040/10

Length L in mm	Temperature in °C	Part no.	
Coupling, 4-part			
53	-20 to +80	00201426	●
Coupling, 6-part, sealed to IP65			
80	-40 to +120	00089930	●





Note: screw-in RTD temperature probes, see Data Sheet 90.2040.

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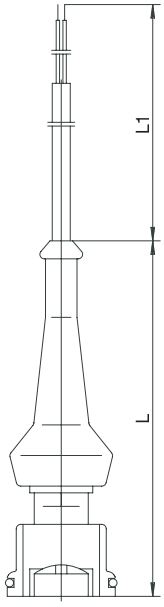
Item 7

Coupling with silicone-insulated connecting cable for screw-in RTD temperature probes JUMO VIBROtemp Type 902040/10, IP65

Length L in mm	Length L1 in mm	Temperature in °C	Part no.	
80	2500	-40 to + 120	00308880	●



Note: screw-in RTD temperature probes, see Data Sheet 90.2040.

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Item 8

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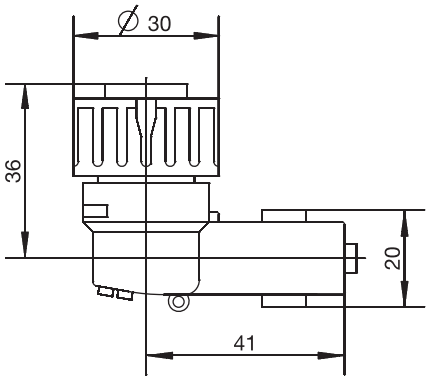
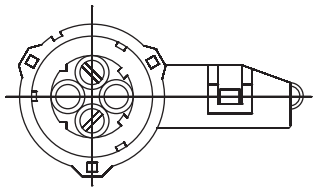
Coupling for screw-in RTD temperature probes
JUMO VIBROtemp Type 902040/15, IP67/IP69K

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





Note: screw-in RTD temperature probes, see Data Sheet 90.2040.

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Item 9