

JUMO GmbH & Co. KG
 Delivery address: Mackenrodtstraße 14,
 36039 Fulda, Germany
 Postal address: 36035 Fulda, Germany
 Phone: +49 661 6003-0
 Fax: +49 661 6003-607
 E-mail: mail@jumo.net
 Internet: www.jumo.net

JUMO Instrument Co. Ltd.
 JUMO House
 Temple Bank, Riverway
 Harlow - Essex CM20 2DY, UK
 Phone: +44 1279 63 55 33
 Fax: +44 1279 63 52 62
 E-mail: sales@jumo.co.uk
 Internet: www.jumo.co.uk

JUMO Process Control, Inc.
 8 Technology Boulevard
 Canastota, NY 13032, USA
 Phone: 315-697-JUMO
 1-800-554-JUMO
 Fax: 315-697-5867
 E-mail: info@jumo.us
 Internet: www.jumo.us



Connectors

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

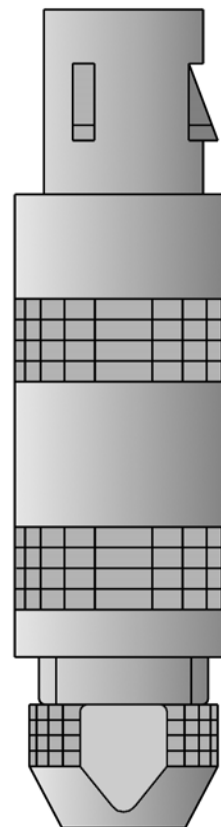
Connectors for thermocouples (pages 1 to 3)

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)

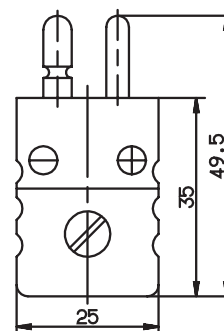
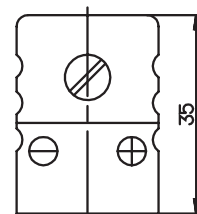
The connection between resistance thermometer and connecting cable must have a low contact resistance to avoid introducing errors into the measurement. This is ensured by gold-plated contacts. The connector incorporates a locking device and is thus protected against shock and vibration.

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 ● |



● available from stock

Item 1

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

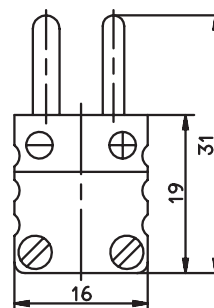
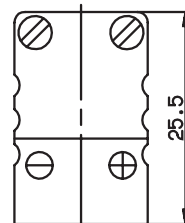
| Thermocouple | Color to ANSI | Part no. |
|--------------|---------------|----------|
|--------------|---------------|----------|

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

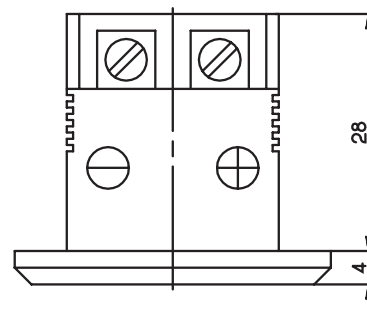
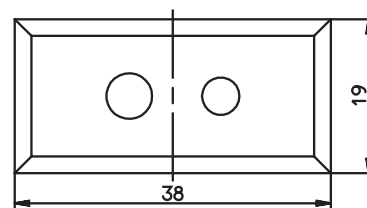
Item 2

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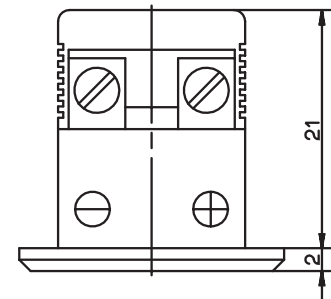
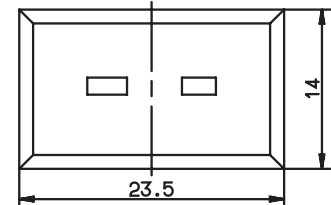
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Miniature socket for front panel with mounting plate for temperatures from -60 to +200 °C

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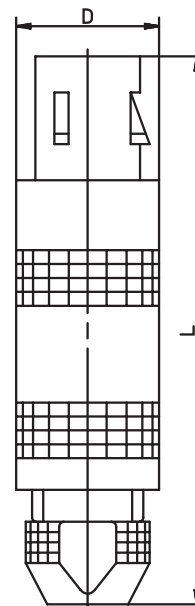
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LEMOSA connectors for temperatures from -60 to +260 °C

| 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.

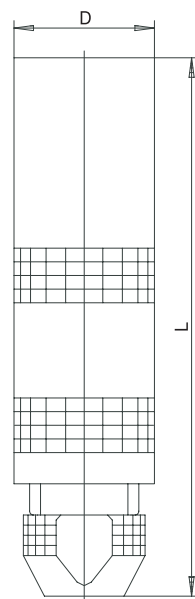


● available from stock

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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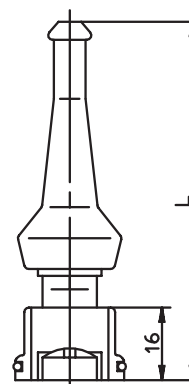
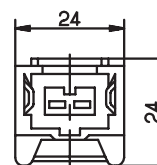
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Coupling for screw-in RTD temperature probes

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 ● |



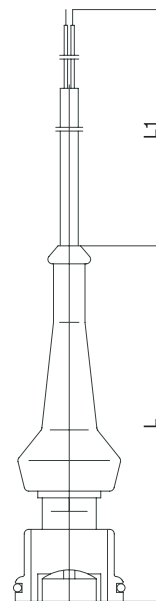
Note: screw-in RTD temperature probes, see Data Sheet 90.2040.

● available from stock

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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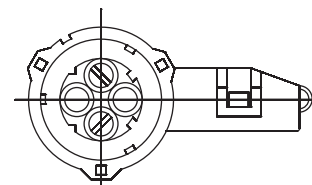
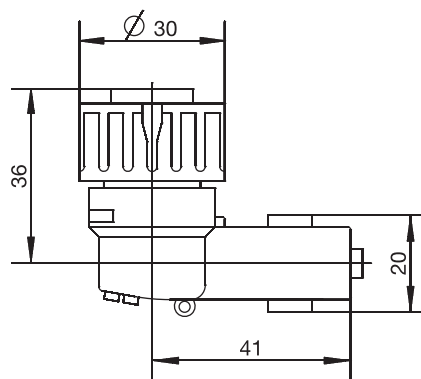
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Coupling for screw-in RTD temperature probes

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.

● available from stock

Item 9