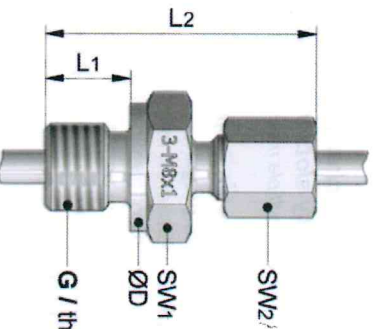


## Zubehör für Mantel - Thermoelemente Accessories for Mineral Insulated Thermocouples

### Klemmverschraubungen compression fittings



- Klemmverschraubung**  
für den druckdichten Einbau von  
Mantelthermoelementen
- mit PTFE Druckring bis 200 °C und max. 10 bar Betriebsdruck
  - verschiebbar und wieder lösbar
  - mit VA Schneidring bis 500 °C und max. 40 bar Betriebsdruck
  - Schneidring nach Montage nicht mehr lösbar
  - Sonderausführung bis 700 bar Druckfestigkeit auf Anfrage

- Compression fitting**  
for the pressure-tight installation of  
mineral insulated thermocouples
- with a PTFE pressure ring up to 200 °C and max. 10 bar operating pressure
  - adjustable and can be removed
  - with a stainless steel compression ring up to 500 °C and max. 40 bar operating pressure
  - after fitting, compression ring cannot be removed any longer
  - special model up to 700 bar Compression strength upon request

### Bestelldaten für Klemmverschraubungen aus Stahl Ordering information for compression fittings made from steel

| Mantel sheath Ø | Gewinde thread | L <sub>1</sub> | L <sub>2</sub> | SW <sub>1</sub> | SW <sub>2</sub> | ØD | mit PTFE Druckring with a PTFE pressure ring | mit Edelstahl Schneidring with a stainless steel compression ring |
|-----------------|----------------|----------------|----------------|-----------------|-----------------|----|----------------------------------------------|-------------------------------------------------------------------|
| 1,0             | M8 x 1         | 8              | 25             | 12              | 8               | 12 | 4R9-1801                                     | 4R9-1811                                                          |
| 1,5             | M8 x 1         | 8              | 25             | 12              | 8               | 12 | 4R9-1802                                     | 4R9-1812                                                          |
| 2,0             | M8 x 1         | 8              | 25             | 12              | 8               | 12 | 4R9-1803                                     | 4R9-1813                                                          |
| 3,0             | M8 x 1         | 8              | 26             | 12              | 8               | 12 | 4R9-1805                                     | 4R9-1815                                                          |
| 3,5             | G ¼"           | 10             | 36             | 19              | 10              | 18 | 4R9-1806                                     | 4R9-1816                                                          |
| 4,0             | G ¼"           | 10             | 36             | 19              | 10              | 18 | 4R9-1807                                     | 4R9-1817                                                          |
| 4,5             | G ¼"           | 10             | 38             | 19              | 12              | 18 | 4R9-1808                                     | 4R9-1818                                                          |
| 6,0             | G ¼"           | 10             | 38             | 19              | 12              | 18 | 4R9-1809                                     | 4R9-1819                                                          |
| 8,0             | G ¼"           | 10             | 39             | 19              | 14              | 18 | 4R9-1810                                     | 4R9-1820                                                          |

Einzelteile und Zubehör  
Single components and accessories

### Bestelldaten für Klemmverschraubungen aus Edelstahl 1.4571 Ordering information for compression fittings made from stainless steel 1.4571

| Mantel sheath Ø | Gewinde thread | L <sub>1</sub> | L <sub>2</sub> | SW <sub>1</sub> | SW <sub>2</sub> | ØD | mit PTFE Druckring with a PTFE pressure ring | mit Edelstahl Schneidring with a stainless steel compression ring |
|-----------------|----------------|----------------|----------------|-----------------|-----------------|----|----------------------------------------------|-------------------------------------------------------------------|
| 1,0             | M8 x 1         | 8              | 25             | 12              | 8               | 12 | 4R9-1821                                     | 4R9-1831                                                          |
| 1,5             | M8 x 1         | 8              | 25             | 12              | 8               | 12 | 4R9-1822                                     | 4R9-1832                                                          |
| 2,0             | M8 x 1         | 8              | 25             | 12              | 8               | 12 | 4R9-1823                                     | 4R9-1833                                                          |
| 3,0             | M8 x 1         | 8              | 26             | 12              | 8               | 12 | 4R9-1825                                     | 4R9-1835                                                          |
| 3,5             | G ¼"           | 10             | 36             | 19              | 10              | 18 | 4R9-1826                                     | 4R9-1836                                                          |
| 4,0             | G ¼"           | 10             | 36             | 19              | 10              | 18 | 4R9-1827                                     | 4R9-1837                                                          |
| 4,5             | G ¼"           | 10             | 38             | 19              | 12              | 18 | 4R9-1828                                     | 4R9-1838                                                          |
| 6,0             | G ¼"           | 10             | 38             | 19              | 12              | 18 | 4R9-1829                                     | 4R9-1839                                                          |
| 8,0             | G ¼"           | 10             | 39             | 19              | 14              | 18 | 4R9-1830                                     | 4R9-1840                                                          |

**Alle Maßangaben sind ca. Maße in mm / Abweichende Abmessungen auf Anfrage**  
All dimensions are approx. dimensions in mm / Different dimensions are available upon request