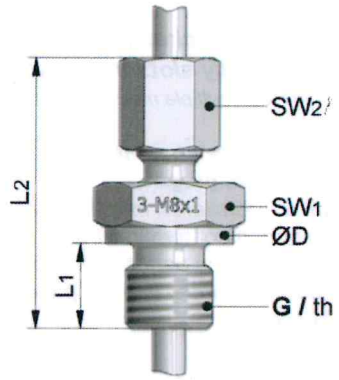
**RECKMANN GMBH MESS + REGELTECHNIK**
Postfach/PO Box 60 01 64 · D-58137 Hagen
☎ +49 (0) 23 31-35 01 0 · Fax +49 (0) 23 31-35 01 70

# 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* | $L_1$ | $L_2$ | $SW_1$ | $SW_2$ | 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 |

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

| **Mantel** *sheath* Ø | **Gewinde** *thread* | $L_1$ | $L_2$ | $SW_1$ | $SW_2$ | 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*