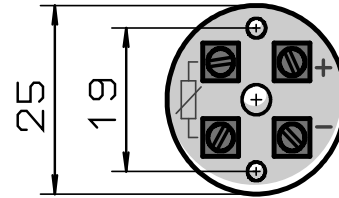


Analog transmitter for assembly in MA(J) - head

| | |
|------------------------------------|--|
| Input | Pt100 / PT1000 2-wire-circuit |
| Measurement current | 0,8...1 mA |
| Zero-point | -200..600°C |
| Temperature range | 20..850°C |
| Linearity error | <0,1% FS |
| Loop voltage | 10.35VDC , polarity safe |
| Permissible ripple | <10% |
| Output | 4..20mA current loop |
| Sensor break | > 20 mA |
| Short circuit | < 4 mA |
| Response time | <0,1s |
| d U/U | <50ppm/V |
| TK | <50ppm/°C |
| Operating temperature range | -40..85°C |
| Storage temperature range | -40..120°C |
| Humidity | < 95% |
| Connection type | Screw terminal |
| Clamping range | 0,13..0,75mm ² |
| Seating compound | Polyuretan black |
| Weighting | ca.11g |
| Vibration | 5g/10..200Hz |
| EMV | Emission: EN50081-1 Interference resistance: EN50082-2 |

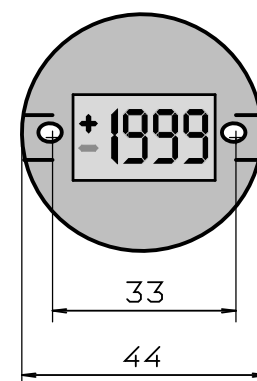
Analog Transmitter
 max. height 15mm

**Analog Transmitter
 PT 100**

| Measuring range | Bestell-Nr. |
|-------------------------|-------------|
| -50°C bis + 0°C | 9.03.00.01 |
| -50°C bis + 50°C | 9.03.00.02 |
| 0°C bis + 50°C | 9.03.00.03 |
| 0°C bis + 100°C | 9.03.00.04 |
| 0°C bis + 150°C | 9.03.00.05 |
| 0°C bis + 200°C | 9.03.00.06 |
| 0°C bis + 300°C | 9.03.00.07 |
| 0°C bis + 400°C | 9.03.00.08 |
| 0°C bis + 500°C | 9.03.00.09 |
| 50°C bis + 100°C | 9.03.00.10 |
| 50°C bis + 150°C | 9.03.00.11 |
| Special measuring range | 9.03.00.21 |

LED digital display without auxiliary power for installation in the connection head

Only in combination with a transmitter

| | |
|--|---|
| Display | LED-display red |
| Measuring range | -1999...+1999 Set to the transmitter |
| Decimal point | Freely programmable |
| Input | 4 - 20.mA |
| Auxiliary power | the unit draws its power directly from the current loop , and thus requires no further supply |
| Burden | max.175 OHM (depending on the set display brightness) |
| Accuracy | 0,1% ±1Digit |
| temperature coefficient | 50ppm/K |
| Ambient and storage temperature | -10 bis 70 °C |
| Humidity | 95% r. F. keine Betauung |
| Connection terminals | IP 20, |
| Weighting | ca.55g |

Digital Display
 max height 35mm

Order no. 9.03.09.01

This digital indicator for installation in connection heads are suitable as universal display units of physical quantities , which over two-wire sensors and transmitters (4-20mA) are detected. The LCD display requires no additional power supply. This removes the indicator from the current loop , so the wiring work is limited to a minimum of effort . The freely adjustable display or measuring range from -1999 to +1999 and the programmable decimal point this digital display is adjustable for all areas.