PMA Prozeß- und Maschinen-Automation GmbH

Checklist for temperature and/or pressure compensated flow measurement

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Filled in by:

1. Data of flow measurement

1.1 Measuring range of flowmeter (with dimensions) .....

1.2 Flowmedium: .....

1.3 Basic values for calculation of flow restrictor (Nominal values) .....

1.3.1 Temperature: .....°C

1.3.2 Gauge pressure: .....bar

1.3.3 Average atmospheric pressure at measuring point: .....

1.3.4 Absolute pressure (instead of 1.3.2 and 1.3.3) .....

1.3.5 Relative humidity of the gas: .....%

1.4 Electrical output of flow transmitter: .....

Proportional to differential pressure ✎ ❑

Flowproportional ✎ ❑

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2. Requested span of correction

2.1 Temperature range from .....°C
up to .....°C

2.2 Temperature sensor (e.g. Pt100): .....

2.3 Range of temperature transmitter (temperature linear) ..... ≙ ..... (electr. output signal)

2.4 Pressure range from .....
Up to .....

2.5 Range of pressure transmitter ..... ≙ ..... (electr. output signal)

Absolute pressure ✎ ❑

Gauge pressure ✎ ❑

9499-047-14111 (9908)

Place, Date:..... Signature:.....