

**Calibration report****105495 - 662250 - Air - 200 - As found / As left****Identifications**

|              | Tested device | Used reference(s)  |             |
|--------------|---------------|--------------------|-------------|
| Type:        | Flow Meter    | Flow Piston Prover | Molbloc     |
| Serial No:   | 105495        | 133357             | 2888        |
| Code:        | GCM-D9SA-BN00 | ML_1020            | 3E4-VCR-V-Q |
| Certificate: | 662250        | 14078              | 1500142172  |
| Reference:   |               | 134                | 035         |

**Conditions**

|                | Customer          | Calibration |
|----------------|-------------------|-------------|
| Fluid:         | Air               | Air         |
| Range:         | 200               |             |
| Unit:          | l/min             |             |
| Unit Ref.:     | 0°C / 1.013 bar a |             |
| Temperature:   | 20 °C             | 24 °C       |
| Pressure:      | 1 bar a           | 0.99 bar a  |
| Atm. pressure: |                   | 981 mbar a  |

**Flow results**

| Nominal range [%] | Reference Flow [l/min] | DUT Flow [l/min] | Deviation MV [%] | Deviation FS [%] | Used Ref. |
|-------------------|------------------------|------------------|------------------|------------------|-----------|
| 0                 | 0                      | 0                | ---              | ---              |           |
| 2                 | 4.07                   | 4                | -1.75            | -0.03            | 035       |
| 25                | 49.5                   | 50               | 1.00             | 0.25             | 134       |
| 50                | 98.7                   | 100              | 1.29             | 0.65             | 134       |
| 75                | 149.1                  | 150              | 0.57             | 0.43             | 134       |
| 100               | 199.7                  | 200              | 0.13             | 0.13             | 134       |

**Additional information**

|               |     |               |          |
|---------------|-----|---------------|----------|
| Calibrator:   | HIL | Calib. date:  | 17.05.16 |
| Configurator: | HIL | Config. date: | 17.05.16 |

Device within specification (Tolerance: +/-1% full scale)

Signature: **Calibration Traceability**

All reference equipment identified above are traceable to the Swiss Accreditation Service (SAS) of METAS (Metrology and Accreditation Switzerland), or equivalent international bodies for accreditation. The METAS Calibration Laboratory and Quality System are compliant to ISO/IEC 17025.

**Measurement Uncertainties**

The reported expanded uncertainty of measurements is stated as the standard uncertainty of measurement, multiplied by the coverage factor k=2, which for a normal distribution corresponding to a coverage probability of approximately 95%.

Reference Flow stated in the Calibration Report: &lt;0.3%