

**The Appendix is an integral part of  
Certificate of Accreditation No. 184/2017 of 24/03/2017**

Accredited entity according to ČSN EN ISO/IEC 17025:2005:

**SVCS Process Innovation s.r.o.**  
Calibration Laboratory  
Zámecká 133/78, 757 01 Valašské Meziříčí

**Field of measured quantity: Flow**

**Calibration:**

Nominal calibration temperature:  $(21 \pm 2) ^\circ\text{C}$

Ordinal number	Measured quantity	Measured quantity range	Calibration and Measurement Capability [ $\pm$ ] <sup>2)</sup>	Calibration procedure identification
1.	Gas mass flow rate <sup>1)</sup> molbloc-L 3)	(1 – 10) ml <sub>n</sub> /min	0.2 % MV	SVCS KM 1.2002
		(5 – 50) ml <sub>n</sub> /min	0.2 % MV	
		(10 – 100) ml <sub>n</sub> /min	0.2 % MV	
		(0.1 – 1) l <sub>n</sub> /min	0.2 % MV	
		(1 – 10) l <sub>n</sub> /min	0.2 % MV	
		(3 – 30) l <sub>n</sub> /min	0.3 % MV	
	molbloc-S 3)	(10 – 100) l <sub>n</sub> /min	0.5 % MV	
		(15 – 50) l <sub>n</sub> /min	0.2 % MV	
		(28 – 100) l <sub>n</sub> /min	0.2 % MV	
		(67 – 250) l <sub>n</sub> /min	0.2 % MV	
		(129 – 500) l <sub>n</sub> /min	0.2 % MV	
		(248 – 1000) l <sub>n</sub> /min	0.2 % MV	

<sup>1)</sup> Calibration gas is N<sub>2</sub>

<sup>2)</sup> Expressed like uncertainty in accordance with the requirements of the document EA 4/02 at  $k = 2$ .

<sup>3)</sup> Flow meter sets

Explanations:

SVCS KM Internal calibration method

MV Measured Value

Index "n" at mass flow rate volume units identifies the reference values for temperature  $T=273.15 ^\circ\text{K}$  and pressure  $p=101325 \text{ Pa}$ .

**Measured instruments or devices:**

(In accordance with the above list of measured quantities and the ranges of measurement the following types of instruments or devices can be measured.)

Ordinal number	Measured instrument/device type
1.	Analog mass flow meter
2.	Digital mass flow meter