

IEC-Measurement Report

Company: Max Mustermann GmbH **OC Number.:** 11XX78057

Specification of the device:

Serial number:	XXX2395475	Start signal output:	4,00	Lower range:	0,00
Type:	DMK 331	End signal output:	20,00	Upper range:	10,00
		Unit signal output:	mA	Unit range:	bar
Ordering code:	2915-475558-000-6234			Pressure:	gauge

Specification of the calibration equipment:

Ambient temperature:	23,0 °C	Medium:	Nitrogen
Pressure reference:	Manufacturer: ZAGF Accuracy: -1...10 bar-> 0,005%RDG+0,005%FS+0,01%RDG+2,50 Pa	Type: CM 2-B Serial number: 956217835111	
Multimeter:	Manufacturer: ZAGDD Accuracy: 0...100 mA-> 0,05%RDG+0,005%FS	Type: 34401 A Serial number: 3587874444BXX	

Measured values:

Input in %	Input bar	Output target mA	Output values actual								
			First cycle		Second cycle		Third cycle		averaged		rising/ falling
			rising	falling	rising	falling	rising	falling	rising	falling	
0,0	0,000	4,000	3,987	3,993	3,993	3,994	3,994	3,992	3,991	3,993	3,992
10,0	1,000	5,600	5,592	5,597	5,596	5,599	5,599	5,601	5,596	5,599	5,598
20,0	2,000	7,200	7,199	7,203	7,202	7,206	7,205	7,206	7,202	7,205	7,203
30,0	3,000	8,800	8,805	8,809	8,806	8,811	8,808	8,812	8,807	8,811	8,809
40,0	4,000	10,400	10,388	10,396	10,393	10,396	10,393	10,397	10,391	10,396	10,394
50,0	5,000	12,000	11,993	11,998	11,995	12,000	11,998	12,000	11,995	11,999	11,997
60,0	6,000	13,600	13,592	13,597	13,596	13,596	13,596	13,598	13,595	13,597	13,596
70,0	7,000	15,200	15,189	15,195	15,194	15,196	15,194	15,196	15,192	15,196	15,194
80,0	8,000	16,800	16,791	16,794	16,794	16,796	16,793	16,798	16,793	16,796	16,794
90,0	9,000	18,400	18,394	18,394	18,394	18,394	18,395	18,396	18,395	18,395	18,395
100,0	10,000	20,000	20,002	20,002	20,004	20,004	20,006	20,006	20,004	20,004	20,004

Evaluation according to IEC 60770-1

Abweichung $\leq \pm$: **Target** 0,50 **Actual** 0,07

Gemessen und protokolliert durch: DE278996

am: 18.07.2018