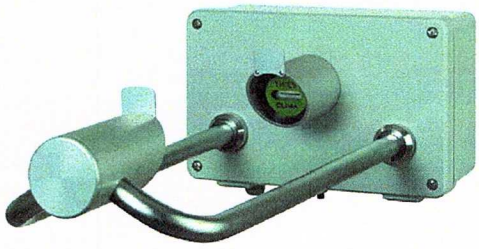
Factory Settings

of Laser-Precipitation-Monitor LPM



This description is part of the instruction manual 5.4110.XX.XXX. It details the instrument model and the instrument configuration (factory settings) in delivery condition.

Digital interface:

Baudrate	Duplex mode	Output telegram
9600Baud, N81	Full duplex	SYNOP, METAR, Disdrometer

Model:

Power supply	Optional channels	Extended Heating
24V AC/DC	No	No

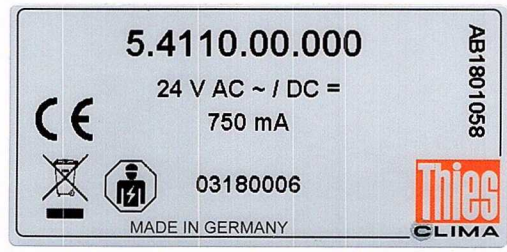
Parameter list:

Function	Setting	Parameter	Value
Average trigger count	Trigger value: 50	AC	00050
Calibration size measurement	Calbration value: 2599mV/mm²	AG	02599
Analog Power	switched on	AP	00001
Temp. internal calibration	Calibration: 101	AT	00101
Measuring area	A=4600mm²*1000/1040	AU	01040
Amount adjustment	Adjustment factor: 100%	AV	00100
Adjustment 100Ohm reference	Adjustment value: 0	AX	00000
Adjustment 127Ohm reference	Adjustment value: 1	AY	00001
Time calibration	Calibration value: 105	AZ	00105
Duplex mode	is full duplex	BD	00000
Baudrate	9600Baud 8,N,1	BR	00005
Digital output 1	Precipitation quantity 0.1mm (10Hz)	D1	00013
Digital output 2	Precipitation type	D2	00019
Extended heating	not active	EH	00000
ULTRASONIC device- ID	Device-ID:0	ID	00000
Optional meas channels	switched off	OM	00000
Output rate	Output rate: 100ms	OR	00100
Output rate	Output rate: 100ms	SB	99999
Instrumental number	Instrumental number: 2448	SN	02448
Software version	Version: 260	SV	00260
Internal Trigger	Trigger value: 6	TC	00006
Data Telegram	SYNOP, METAR, Disdrometer	TM	00004
Time of telegramm 10 in minutes	Time of extrem values, averaging, telegram output	TO	00010
Internal trigger value	Trigger value: 25	TV	00025

Specific report

acc. to DIN 50 049-2.3

Name	Laser - Precipitation - Monitor
Type - No.	5.4110.00.000
Ident. - No.	00
Instrument - No.	0002448
Order - No.	AB1801058



Confirmation

The standard reaction of this instrument is caused by the standardized type of this device as well as narrow tolerance of production.

We hereby confirm that the above-mentioned instrument was manufactured and calibrated according to DIN EN ISO 9001, under the observation of a certified quality assurance system.

Calibration

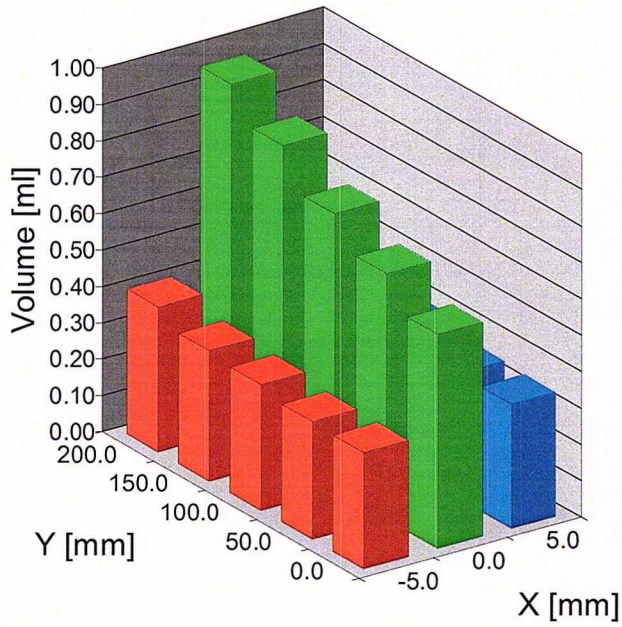
The measuring installations used for calibration are regularly calibrated and are based on the national or international standards.
Should no national standards exists, the measuring procedure corresponds with the technical regulations and norms valid at the time of the measurement.

Amount measurement

X-Position [mm]	Y-Position [mm]	Volume [ml]
-5,00	0,00	0,32
0,00	0,00	0,59
5,00	0,00	0,34
-5,00	50,00	0,32
0,00	50,00	0,67
5,00	50,00	0,35
-5,00	100,00	0,34
0,00	100,00	0,76
5,00	100,00	0,39
-5,00	150,00	0,36
0,00	150,00	0,86
5,00	150,00	0,41
-5,00	200,00	0,40
0,00	200,00	0,95
5,00	200,00	0,44

Average value: 0,499ml
Nominal volume: 0,494ml
Allowed variation: ±5% (0,470ml .. 0,519ml)

Amount assignment



6.3.2018
Date

Signature

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