# Bedienungsanleitung SeliSoft am Beispiel SDT03 Manual

## Selisoft using the example SDT03



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### Thank you for choosing our product.

These instructions will help you to install it easily. Please read this documentation carefully and keep it for future reference. Information about the materials used and general technical data can be obtained from the relevant technical data sheets..

#### 1 General Remarks

The PC-Software "SeliSoft" is an application software for very comfortable operation, storage and documentation of all Seli process sensors and measuring instruments.

This can be downloaded as a free version from the Seli homepage: <u>https://www.seli.de/services/downloads/</u>

To connect a device to the software, you need our PC-USB adapter with the respective connection set. Do not connect the device to your PC until the software has been completely installed!

#### 2 Starting the software

After successful installation start the program. The following screen appears:



In the upper navigation line you see two pull down menus: File and Help



#### 3 Connecting a Device

To connect a device to the software, you need our PC-USB adapter with the respective connection set.

Connect the device to your PC and click **Auto-Search**.



The software now searches and connects automatically to the connected device...

#### Searching Sensor



#### ... and starts the user interface- Here pressure transmitter SDT03



#### 4 Quick initial commissioning

For the parameterization of the device you do not need to adjust anything on the software at first!



There are 4 pull down menus!

# To operate and parameterize the device, open the "Options" menu and here the "Programming Center" menu.



#### **Programming Center!**

Here you can make all settings necessary for operation in the white fields!!

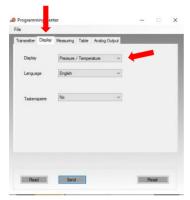
fransmitter	Display	Measuring	Analog Output		
Туре		SDT03_104			
Serial-I	No.	2082046.06.0	)1		
Tag N	umber	location			

#### Transmitter



Designation of the device

#### Indication on the Display



#### Measured values on the display

#### Indication on the Display

Transmitter Display	Measuring Table Analog C	utput		
Display	Pressure / Temperature	~		
Language	English	~		
Tastensperre	No	~		

#### Languages

ransmitter Display	Measuring Table Analog Output		
Display Language	Pressure / Temperature Pressure / Temperature Content / Pressure Content / Temperature Pressure Content	-	
Tastensperre	No v		

#### Indication on the Display

Transmitter Display	Measuring Table Analog Output		
Display	Pressure / Temperature V		
Language	English v		
Tastensperre	No		

#### Keyboard lock

	Lispidy	Measuring	Table	Analog Out	put		
Display		Pressure /	Temper	ature	~		
	e	English			~		
						1	
Tastensp				~	-		
		10 Mn. 20 Mn.					

Transmitter Display Measuring	Table Analog	g Output		
Unit	bar	~ 🔶		
Measuring Range Start	0.00	bar		
Measuring Range End	10.00	bar		
Damping	0,0			
Zero point window	0.00	bar		
Offset / Teach	-0.04	bar		

#### Units

Transmitter Display Measuring	Table Analog	Output	-
Unit	bar . bar	1	
Measuring Range Start	mbar mmWS	bar	
Measuring Range End	10.00	bar	
Damping	0.0		
Zero point window	0.00	bar	
Offset / Teach	-0.04	bar	

Unit	bar	~	
Measuring Range Start	0.00	bar	
Measuring Range End	10.00	bar	
Damping	0,0		
Zero point window	0.00	bar	
Offset / Teach	-0.04	bar	

#### Measuring range start 4 mA

Unit	bar 🗸	-	
Measuring Range Start	0.00		
Measuring Range End	10,00	bar	
Damping	0.0		
Zero point window	0.00	bar	
Offset / Teach	-0.04	bar	

Unit	bar 🗸			
Measuring Range Start	0,00	bar		
Measuring Range End	10.00	bar 🗸		
Damping	0.0	]		
Zero point window	0.00	bar		
Offset / Teach	-0.04	bar		

### Measuring range end 20 mA

Transmitter Display	Veasuring	Table	Analog Ou	tput		
Unit		bar	~			
Measuring Range S	itart	0,00		bar		
Measuring Range 8	ind	10.0	1	bar		
Damping		0.0				
Zero point window		0,00		bar		
Offset / Teach		-0,04		bar		

Unit	bar	~		
Measuring Range Start	0.00	bar		
Measuring Range End	10.00	bar		
Damping	0.0			
Zero point window	0.00	bar		
Offset / Teach	-0.04	bar		

Setting the damping of the measuring signal of 0,0...200,0 sec.

Transmitter Display Measuring	1		
Unit	bar	~	
Measuring Range Start	0.00	bar	
Measuring Range End	10,00	bar	
Damping	0.0		
Zero point window	0.00	bar	
Offset / Teach	-0,04	bar	

Unit	bar	~		
Measuring Range Start	0.00	bar		
Measuring Range End	10,00	bar		
Damping	0,0			
Zero point window	0,00	bar 🤙		
Offset / Teach	-0,04	bar		

#### Suppression of fluctuations around the zero point

				_	
Unit		bar	~		
Measuring R	lange Start	0.00	bar		
Measuring R	lange End	10.00	bar		
Damping		0.0	่ .		
Zero point wi	indow	0.00	🔄 bar 人	-	
Offset / Tea	ch	-0.04	bar		

Unit	bar 🗸		
Measuring Range Start	0,00 bar		
Measuring Range End	10.00 bar		
Damping	0.0		
Zero point window	0.00 bar		
Offset / Teach	-0.04 bar		

#### Zero point or offset/teach or position correction

Transmitter Dis	play Measuring	Table Analo	g Output		
Unit		bar	~		
Measuring F	lange Start	0,00	bar		
Measuring F	lange End	10,00	bar		
Damping		0.0			
Zero point w	indow	0.00	bar		
Offset / Tea	ch	0.04	bar 🗸	2	

#### **Table function**

With this function you can do your own calibrations, container corrections, units and value ranges.

ransmitter	Display	Measuring Table	Analog Output		_
	Number of	f value pains	30	~	_
	No.	Pressurevalues	Displayvalues	^	
	1	0.00	0.00		
	2	0.34	5.17		
	3	0,69	10,34		
	4	1,03	15.52		
	5	1,38	20.69		
	6	1,72	25,86		
	Display R Unit		[150.00] 000.00	~	

#### Up to 30 correction points

Transmitter	Display	Measuring Table	Analog Output	
	Number	of value pairs	30 deaktiv	~
	No.	Pressurevalues	3 4	
	1	0.00	5	
	2	0.34	5 6 7 8	
	3	0,69	8	
	4	1,03	10	
	5	1,38	11	
	6	1,72	13	
	Display F Unit	Range 0.00	16 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Reset

#### **Table function**

With this function you can do your own calibrations, container corrections, units and value ranges.

Number	of value pairs	30	~	
No.	Pressurevalues	Displayvalues	^	
1	0.00	0.00		
2	0,34	5,17		
3	0,69	10,34		
4	1,03	15,52		
5	1,38	20.69		
6	1,72	25,86	~	
Display F	Range 0.00	[150.00] 000.0	0 ~	

#### Display range from -9999...+9999 incl. decimal point

Iransmitter	Display	Measuri	ng Table	Analog Output			
	Number	of value pa	sira	30		~	
	No.	Press	urevalues	Displayvalues		^	
	1	0,00		0.00			
	2	0,34		5,17			
	3	0.69		10.34			
	4	1.03		15.52			
	5	1,38		20,69			
	6	1,72		25,86		~	
	Display F	lange	0.00				
	Unit	ungo	Liter		0.00		

#### **Table function**

With this function you can do your own calibrations, container corrections, units and value ranges.

Number o	f value pairs	30	~
No.	Pressurevalues	Displayvalues	^
1	0.00	0.00	
2	0.34	5,17	
3	0.69	10,34	
4	1.03	15.52	
5	1,38	20,69	
6	1.72	25,86	~
Display R Unit	ange 0.00 Liter	[150.00] 000.00	

#### Indication of own specifications such as contents in liters

Number of value pars 30   No. Presservises Dardsynalus 0   1 0.00 0.00 0   2 0.34 5.17 3 0.69 10.34   4 1.03 15.52 5 1.38 20.59 6 1.72 25.85 1	nsmitter	Display	Measuring Table	Analog Output		
1 0.00 0.00   2 0.34 5.17   3 0.089 10.34   4 1.03 15.52   5 1.38 20.89   6 1.72 25.85		Number of	f value pains	30	~	
2 0,34 5,17 3 0,69 10,34 4 1,03 15,52 5 1,38 20,69 6 1,72 25,85		No.	Pressurevalues	Displayvalues	^	
3 0.69 10.34 4 1.03 15.52 5 1.38 20.69 6 1.72 25.85		1	0.00	0.00		
4 1,03 15,52 5 1,38 20,69 6 1,72 25,86		2	0,34	5,17		
5 1.38 20,69 6 1.72 25.86		3	0,69	10.34		
6 1.72 25.86		4	1,03	15,52		
6 1.72 25.86		5	1,38	20,69		
		6	1,72	25,86	~	
Display Range 0.00 150.00 000.00 v				[150,00] [000.04	) ~	

#### Analog output

With this function the value of the analog output can be adapted.

riananittor Diapitay mediading	Table Analo	g Output		
Output Signal min.	3.8	mA	-	
Output Signal max.	22.5	mA		
Error signal Transmitter	3,5	mA		

The minimum adjustable value for falling below the measuring signal is 3.5 mA  $\,$ 

#### Analog output

With this function the value of the analog output can be adapted.

Transmitter Display Measuring	Table Analog Out	put		
Output Signal min.	3.8	mA		
Output Signal max.	22,5	mA 🔶	•	
Error signal Transmitter	3.5	mA		

The maximum adjustable value for exceeding the measuring signal is here 22.5 mA.

#### Analog output

With this function the value of the analog output can be adapted.



The output value for the detection of a transmitter error is adjustable between 3.5...22.5 mA.

#### Saving the set values

With this function the set values can be transmitted to the device and stored.

	Table	Analog Output		
Output Signal min.	3,8	mA		
Output Signal max.	22,5	mA		
Error signal Transmitter	3,5	mA		

#### Reading the set values

With this function the set values can be read from the device into the software.



#### **Factory reset**

This function can be used to reset the set values to the factory default values. If a table function is selected, this calibration is not reset

	Table Analog	Output	
Output Signal min.	3,8	mA	
Output Signal max.	22,5	mA	
Error signal Transmitter	3.5	mA	

#### File / Pull Down Menu

With this menu it is possible to open and save all created parameters. This data can be transferred to other devices. It is also possible to print out the complete documentation.

	Open	A	nalog Output	
	Save			
	Page setup		~	
	Page preview Print Parameterization		bar	
_	Close Programming Center	10.00	bar	
	Damping	0.0		
	Zero point window	0.00	bar	
	Offset / Teach	-0.04	bar	

#### 5 Functions of SeliSoft The user interface

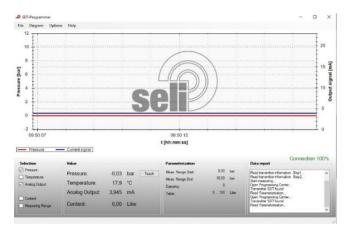
Exiting the Programming Center and parameterization

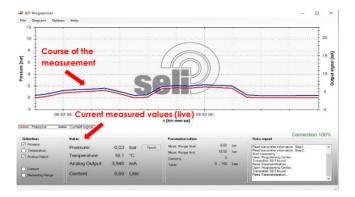
After closing the Programming Center you will be automatically returned to the graphical display of the process and connected device.

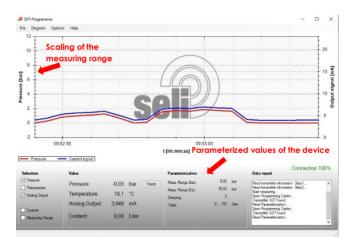


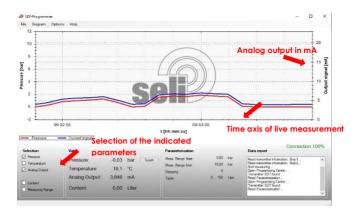
#### The user interface

SeliSoft provides complete documentation and process monitoring of the connected device. As soon as you have connected a device, the data is recorded and logged. All changes can be viewed and tracked live in the graphics of the software.





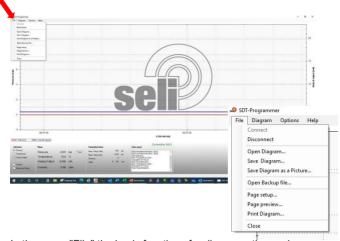




#### The Pull Down Menus

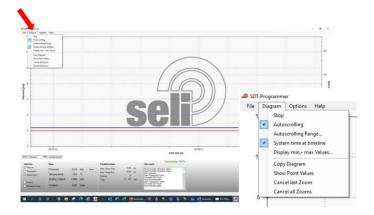
The operation and adjustment of the software functions is done with only 4 pull down menus!





In the menu "File" the basic functions for disconnecting and connecting the device can be called up!

Also the complete storage of the current recording as well as the subsequent editing are possible here.



In the "Diagram" menu, all basic functions for screen display of the current recording can be called up or adjusted.



In the menu "Options" the parameterization of the connected device is stored as already described.

Furthermore, the language of the software interface can be set here.

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coli		
SEI		
00.0 (00)		
jezeraj stanije – Stanista teorem (James A) na uz Alakaja (James A) stanista (James A) na uz Alakaja (James A) stanista (James A) (James A) (James A) stanista (James A) (James A) stanista (James A) (James A) stanista (J		
en - Inconst Maria - Maria Managara - Managara Promote 400 per sin Managara - Managara - I	SDT-Programmer	
Name Open <th< td=""><td></td><td></td></th<>		
Name Operating Operatint Operating Ope		

In the menu "Help" you are led directly to the download area of our homepage. Here you can access all documents of our devices.

Information about the software version and the manufacturer's address can be found at Info.

#### Seli GmbH Automatisierungstechnik

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