

SITRANS L

Controllers SITRANS LT500 with ultrasonic transducer inputs - Parameter configuration charts




Commissioning Manual

7ML60..

Legal information

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This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are highlighted in the manual by a safety alert symbol, notices referring only to property damage have no safety alert symbol. These notices shown below are graded according to the degree of danger.

 DANGER
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 WARNING
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indicates that minor personal injury can result if proper precautions are not taken.
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The product/system described in this documentation may be operated only by **personnel qualified** for the specific task in accordance with the relevant documentation, in particular its warning notices and safety instructions. Qualified personnel are those who, based on their training and experience, are capable of identifying risks and avoiding potential hazards when working with these products/systems.

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We have reviewed the contents of this publication to ensure consistency with the hardware and software described. Since variance cannot be precluded entirely, we cannot guarantee full consistency. However, the information in this publication is reviewed regularly and any necessary corrections are included in subsequent editions.

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Introduction

1.1 Objective

Print and use as a record of parameter settings, prior to configuring device via Quick start wizards:

- Quick commissioning
- Pump control
- Basic control
- Alarms

Equipment:

- Siemens SITRANS LT500 device (for configuration once parameter values have been recorded)
- Remote sensor(s)

Note

While every effort is made to verify the following information, no warranty of accuracy or usability is expressed or implied.

Description

2.1 Overview

SITRANS LT500 has one Quick commissioning wizard (used for various application types), and wizards for Pump control, Basic control and Alarms. All wizards are located under the Quick start menu on the device.

These wizards guide you through the configuration of parameters essential for the proper settings to support the application.

If two measurement points are connected, you will be prompted to set up each point individually.

Run the commissioning wizard first (by setting the appropriate application type per point) and when successfully completed, run the other wizards if required for the application.

2.2 Required steps

This document provides a parameter configuration chart for each application type supported by SITRANS LT500:

- Level
- Space
- Distance
- Volume
- Volume flow
- Pump control
- Basic control
- Alarms

Use the appropriate chart for your specific application. Create a record of device parameter values to have on hand prior to completing Quick start wizards during commissioning of the device.

Planning/configuring

3.1 Level application

Note

Print two copies, and complete chart for each measurement point, if both points configured for a LEVEL, SPACE, or DISTANCE application.

Device TAG:		Serial number:
Select point for this reference chart:		
Measurement point 1	Measurement point 2	
Sensor:		Serial number:

Wizard - Quick commissioning		
Step: Select application: Level (used for Level or Space or Distance)		
Wizard step	Parameter	Options (default noted by asterisk)
Step: Length units	Length units	<ul style="list-style-type: none"> • m* • cm • mm • ft • in

Wizard - Quick commissioning		
Step: Select application: Level (used for Level or Space or Distance)		
Step: Sensor type	Sensor type	<ul style="list-style-type: none"> • EchoMax XRS-5* • EchoMax XPS-10 • EchoMax XPS-15 • EchoMax XPS-30 • EchoMax XPS-40 • ST-H • EchoMax XCT-8 • EchoMax XCT-12 • EchoMax XLT-30 • EchoMax XLT-60 • ST-25 • ST-50 • ST-100 • LR13 • LR21 • 4 ... 20 mA
Step: Temperature source	Temperature source	<ul style="list-style-type: none"> • Auto • Fixed temperature • Transducer* • External TS-3 • Average of sensors
	Fixed temperature (when selected as "Temperature source")	
Step: Calibration	Current at lower calibration point (generic mA sensor only)	
	Current at upper level point (generic mA sensor only)	
	Lower calibration point	
	Upper calibration point	
	Response rate	<ul style="list-style-type: none"> • Slow (0.1 m/min fill/empty rate) • Medium (1.0 m/min fill/empty rate)* • Fast (10.0 m/min fill/empty rate)
	Material type	<ul style="list-style-type: none"> • Liquid* • Solid
Notes:		

3.2 Volume application

Note

Print two copies, and complete chart for each measurement point, if both points configured for a VOLUME application.

Device TAG:		Serial number:
Select point for this reference chart:		
Measurement point 1	Measurement point 2	
Sensor:		Serial number:

Wizard - Quick commissioning			
Step: Select application: Volume			
Wizard step	Parameter	Options (default noted by asterisk)	
Step: Units	Length units	<ul style="list-style-type: none"> • m* • cm • mm • ft • in 	
	Volume units	<table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • l (liters)* • hl (hectoliters) • m3 (cubic meters) • gal (US gallons) • gal (UK) (imperial gallons) • bbl (US) (31.5 gallon barrels) • bbl-beer (31 US gallon barrels) </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • bbl (42 US gallon barrels) • in³ (cubic inches) • ft³ (cubic feet) • yd³ (cubic yards) • bu (bushels) • Custom (set outside of wizard) </td> </tr> </table>	<ul style="list-style-type: none"> • l (liters)* • hl (hectoliters) • m3 (cubic meters) • gal (US gallons) • gal (UK) (imperial gallons) • bbl (US) (31.5 gallon barrels) • bbl-beer (31 US gallon barrels)
<ul style="list-style-type: none"> • l (liters)* • hl (hectoliters) • m3 (cubic meters) • gal (US gallons) • gal (UK) (imperial gallons) • bbl (US) (31.5 gallon barrels) • bbl-beer (31 US gallon barrels) 	<ul style="list-style-type: none"> • bbl (42 US gallon barrels) • in³ (cubic inches) • ft³ (cubic feet) • yd³ (cubic yards) • bu (bushels) • Custom (set outside of wizard) 		

Wizard - Quick commissioning		
Step: Select application: Volume		
Step: Sensor type	Sensor type	<ul style="list-style-type: none"> • EchoMax XRS-5* • EchoMax XPS-10 • EchoMax XPS-15 • EchoMax XPS-30 • EchoMax XPS-40 • ST-H • EchoMax XCT-8 • EchoMax XCT-12 • EchoMax XLT-30 • EchoMax XLT-60 • ST-25 • ST-50 • ST-100 • LR13 • LR21 • 4 ... 20 mA
Step: Temperature source	Temperature source	<ul style="list-style-type: none"> • Auto • Fixed temperature • Transducer* • External TS-3 • Average of sensors
	Fixed temperature (when selected as "Temperature source")	
Step: Calibration	Current at lower calibration point (generic mA sensor only)	
	Current at upper level point (generic mA sensor only)	
	Lower calibration point	
	Upper calibration point	
	Response rate	<ul style="list-style-type: none"> • Slow (0.1 m/min fill/empty rate) • Medium (1.0 m/min fill/empty rate)* • Fast (10.0 m/min fill/empty rate)
	Material type	<ul style="list-style-type: none"> • Liquid* • Solid

Wizard - Quick commissioning			
Step: Select application: Volume			
Step: Volume settings (vary by vessel shape)	Vessel shape	<ul style="list-style-type: none"> Linear vessel* 	Requires: Maximum volume
		<ul style="list-style-type: none"> Conical bottom vessel 	Requires: Maximum volume, Vessel dimension A
		<ul style="list-style-type: none"> Parabolic bottom vessel 	Requires: Maximum volume, Vessel dimension A
		<ul style="list-style-type: none"> Half sphere bottom vessel 	Requires: Maximum volume, Vessel dimension A
		<ul style="list-style-type: none"> Flat sloped bottom vessel 	Requires: Maximum volume, Vessel dimension A
		<ul style="list-style-type: none"> Cylinder vessel 	Requires: Maximum volume
		<ul style="list-style-type: none"> Parabolic ends vessel 	Requires: Maximum volume, Vessel dimension A, Vessel dimension L
		<ul style="list-style-type: none"> Sphere vessel 	Requires: Maximum volume
	<ul style="list-style-type: none"> Custom 	Requires: X-value 1 to X-value 32 Y-value 1 to Y-value 32 Set data points outside of wizard if applicable to application. Record values in separate "Custom application" chart.	
	Vessel dimension A		
	Vessel dimension L		
	Maximum volume		
Notes:			

3.3 Volume flow application

Note

Print two copies, and complete chart for each measurement point, if both points configured for a VOLUME FLOW application.

Device TAG:		Serial number:
Select point for this reference chart:		
Measurement point 1	Measurement point 2	
Sensor:		Serial number:

Wizard - Quick commissioning		
Step: Select application: Volume flow		
Wizard step	Parameter	Options (default noted by asterisk)
Step: Units	Length units	<ul style="list-style-type: none"> • m* • cm • mm • ft • in

Wizard - Quick commissioning			
Step: Select application: Volume flow			
	Volume flow units	<ul style="list-style-type: none"> • l/s (liters per second)* • l/min (liters per minute) • l/h (liters per hour) • l/d (liters per day) • Ml/d (megaliters per day) • hl/s (hectoliters per second) • hl/min (hectoliters per minute) • hl/h (hectoliters per hour) • hl/d (hectoliters per day) • m³/s (cubic meters per second) • m³/min (cubic meters per minute) • m³/h (cubic meters per hour) • m³/d (cubic meters per day) • Mm³/d (million cubic meters per day) • gal/s (US gallons per second) • gal/min (US gallons per minute) • gal/h (US gallons per hour) • gal/d (US gallons per day) • Mgal/d (US megagalons per day) • gal (UK)/s (imperial gallons per second) • gal (UK)/min (imperial gallons per minute) • gal (UK)/h (imperial gallons per hour) • gal (UK)/d (imperial gallons per day) 	<ul style="list-style-type: none"> • bbl/d (42 US gallon barrels per day) • kbbbl/d (thousand 42 US gallon barrels per day) • Mbbbl/d (million 42 US gallon barrels per day) • bbl (US)/s (31.5 US gallon barrels per second) • bbl (US)/min (31.5 US gallon barrels per minute) • bbl (US)/h (31.5 US gallon barrels per hour) • bbl (US)/d (31.5 US gallon barrels per day) • ft³/s (cubic feet per second) • ft³/min (cubic feet per minute) • ft³/h (cubic feet per hour) • ft³/d (cubic feet per day) • Mft³/d (million cubic feet per day) • AF/min (acre-feet per minute) • AF/h (acre-feet per hour) • AF/d (acre-feet per day) • in³/s (cubic inches per second) • in³/min (cubic inches per minute) • in³/h (cubic inches per hour) • in³/d (cubic inches per day) • yd³/s (cubic yards per second)

Wizard - Quick commissioning			
Step: Select application: Volume flow			
	Volume flow units (continued)	<ul style="list-style-type: none"> • bbl-beer/s (31 US gallon barrels per second) • bbl-beer/min (31 US gallon barrels per min) • bbl-beer/h (31 US gallon barrels per hour) • bbl-beer/d (31 US gallon barrels per day) • bbl/s (42 US gallon barrels per second) • bbl/min (42 US gallon barrels per minute) • bbl/h (42 US gallon barrels per hour) 	<ul style="list-style-type: none"> • yd³/min (cubic yards per minute) • yd³/h (cubic yards per hour) • yd³/d (cubic yards per day) • bu/s (bushels per second) • bu/min (bushels per minute) • bu/h (bushels per hour) • bu/d (bushels per day) • Custom (set outside of wizard)
	Volume units	<ul style="list-style-type: none"> • l (liters)* • hl (hectoliters) • m³ (cubic meters) • gal (US gallons) • gal (UK) (imperial gallons) • bbl (US) (31.5 gallon barrels) 	<ul style="list-style-type: none"> • bbl-beer (31 US gallon barrels) • bbl (42 US gallon barrels) • in³ (cubic inches) • ft³ (cubic feet) • yd³ (cubic yards) • bu (bushels) • Custom (set outside of wizard)

Wizard - Quick commissioning		
Step: Select application: Volume flow		
Step: Sensor type	Sensor type	<ul style="list-style-type: none"> • EchoMax XRS-5* • EchoMax XPS-10 • EchoMax XPS-15 • EchoMax XPS-30 • EchoMax XPS-40 • ST-H • EchoMax XCT-8 • EchoMax XCT-12 • EchoMax XLT-30 • EchoMax XLT-60 • ST-25 • ST-50 • ST-100 • LR13 • LR21 • 4 ... 20 mA
Step: Temperature source	Temperature source	<ul style="list-style-type: none"> • Auto • Fixed temperature • Transducer* • External TS-3 • Average of sensors
	Fixed temperature (when selected as "Temperature source")	
Step: Calibration	Current at lower calibration point (generic mA sensor only)	
	Current at upper level point (generic mA sensor only)	
	Lower calibration point	
	Upper calibration point	
	Response rate	<ul style="list-style-type: none"> • Slow (0.1 m/min fill/empty rate) • Medium (1.0 m/min fill/empty rate)* • Fast (10.0 m/min fill/empty rate)
	Material type	<ul style="list-style-type: none"> • Liquid* • Solid

Wizard - Quick commissioning			
Step: Select application: Volume flow			
Step: Primary measuring device	Primary measuring device		<ul style="list-style-type: none"> • Exponential devices* • Rectangular flume BS 3680/ISO 4373 • Round nose horizontal crest weir BS 3680/ISO 4373 • Trapezoidal flume BS 3680/ISO 4373 • U-flume BS 3680/ISO 4373 • Finite crest weir BS 3680/ISO 4373 • Thin plate rectangular weir BS 3680/ISO 4373 • Thin plate V-notch weir BS 3680/ISO 4373 • Rectangular weir contracted • Round pipe • Palmer-Bowlus flume • H-flume • Custom
Step: Method of flow calculation	Method of flow calculation		<ul style="list-style-type: none"> • Absolute* • Ratiometric
Step: Flow settings (vary by PMD)	Exponential devices	• Flow exponent	
		• K-factor	
	Rectangular flume BS 3680/ISO 4373	• Approach width	
		• Throat width	
		• Hump height	
		• Throat length	
	Round nose horizontal crest weir BS 3680/ISO 4373	• Crest width	
		• Crest height	
		• Crest length	
	Trapezoidal flume BS 3680/ISO 4373	• Approach width	
		• Throat width	
		• Hump height	
		• Throat length	
		• Slope	
	U-flume BS 3680/ISO 4373	• Approach diameter	
		• Throat diameter	
• Hump height			
• Throat length			

Wizard - Quick commissioning			
Step: Select application: Volume flow			
	Finite crest weir BS 3680/ISO 4373	• Crest width	
		• Crest height	
		• Crest length	
	Thin plate rectangular weir BS 3680/ISO 4373	• Approach width	
		• Crest width	
		• Crest height	
	Thin plate V-notch weir BS 3680/ISO 4373	• V-notch angle	
	Rectangular weir contracted	• Crest width	
	Round pipe	• Pipe diameter	
		• Slope	
• Roughness coefficient			
Palmer-Bowlus flume	• Maximum flume width		
H-flume	• Flume height		
	Custom	<ul style="list-style-type: none"> • X-value 1 to X-value 32 • Y-value 1 to Y-value 32 	Set data points outside of wizard if applicable to application. Record values in separate "Custom application" chart.
Step: Flow settings (common)	Maximum head		
	Zero head offset		
	Maximum flow		
	Low flow cut-off		
Notes:			

3.4 Pump control application

Note

Print two copies, and complete chart for each measurement point, if both points configured for a PUMP application.

Wizard - Quick start		
Pump control		
Wizard step	Parameter	Options (default noted by asterisk)
Step: Select measurement point	Measurement point	<ul style="list-style-type: none"> • Measurement point 1* • Measurement point 2
Step: Number of pumps	Number of pumps	<ul style="list-style-type: none"> • 1 • 2* • 3 • 4 • 5 • 6
Step: Pump control mode	Pump control mode	<ul style="list-style-type: none"> • Alternate duty assist* • Alternate duty backup • Service ratio duty assist • Service ratio duty backup • Fixed duty assist • Fixed duty backup • Single pump
Step: Pump control	Pump 1	<ul style="list-style-type: none"> • Relay output 1 • Relay output 2 • Relay output 3 • Relay output 4 • Relay output 5 • Relay output 6
	Pump 2	<ul style="list-style-type: none"> • Relay output 1 • Relay output 2 • Relay output 3 • Relay output 4 • Relay output 5 • Relay output 6

Wizard - Quick start		
Pump control		
	Pump 3	<ul style="list-style-type: none"> • Relay output 1 • Relay output 2 • Relay output 3 • Relay output 4 • Relay output 5 • Relay output 6
	Pump 4	<ul style="list-style-type: none"> • Relay output 1 • Relay output 2 • Relay output 3 • Relay output 4 • Relay output 5 • Relay output 6
	Pump 5	<ul style="list-style-type: none"> • Relay output 1 • Relay output 2 • Relay output 3 • Relay output 4 • Relay output 5 • Relay output 6
	Pump 6	<ul style="list-style-type: none"> • Relay output 1 • Relay output 2 • Relay output 3 • Relay output 4 • Relay output 5 • Relay output 6
Step: Service ratios	Service ratio pump 1	
	Service ratio pump 2	
	Service ratio pump 3	
	Service ratio pump 4	
	Service ratio pump 5	
	Service ratio pump 6	
Step: Pump run times	Run time pump 1	
	Run time pump 2	
	Run time pump 3	
	Run time pump 4	
	Run time pump 5	
	Run time pump 6	

Wizard - Quick start		
Pump control		
Step: On/off setpoints	On setpoint pump 1	
	Off setpoint pump 1	
	On setpoint pump 2	
	Off setpoint pump 2	
	On setpoint pump 3	
	Off setpoint pump 3	
	On setpoint pump 4	
	Off setpoint pump 4	
	On setpoint pump 5	
	Off setpoint pump 5	
	On setpoint pump 6	
	Off setpoint pump 6	
	Notes:	

3.5 Basic control application

Note

Print two copies, and complete chart for each measurement point, if both points configured for a BASIC CONTROL application.

Wizard - Quick start		
Basic control		
Wizard step	Parameter	Options (default noted by asterisk)
Step: Select control source	Select control source	<ul style="list-style-type: none"> • Level (point 1) * • Level (point 2) • Level difference • Level average
Step: Control relays	Control relays	<ul style="list-style-type: none"> <input type="checkbox"/> Relay output 1 <input type="checkbox"/> Relay output 2 <input type="checkbox"/> Relay output 3 <input type="checkbox"/> Relay output 4 <input type="checkbox"/> Relay output 5 <input type="checkbox"/> Relay output 6
Step: On/off setpoints	On setpoint relay 1	
	Off setpoint relay 1	
	On setpoint relay 2	
	Off setpoint relay 2	
	On setpoint relay 3	
	Off setpoint relay 3	
	On setpoint relay 4	
	Off setpoint relay 4	
	On setpoint relay 5	
	Off setpoint relay 5	
	On setpoint relay 6	
	Off setpoint relay 6	
Notes:		

3.6 Alarms application

Note

Print two copies, and complete chart for each measurement point, if both points configured for an ALARMS application.

Wizard - Quick start		
Alarms		
Wizard step	Parameter	Options (default noted by asterisk)
Step: Select measurement point	Select measurement point	<ul style="list-style-type: none"> • Measurement point 1 * • Measurement point 2 • External TS-3
Step: Alarm sources	Alarm sources	<ul style="list-style-type: none"> • Level • Space • Distance • Head • Volume • Volume flow • Sensor temperature • Sensor diagnostics

Wizard - Quick start			
Alarms			
Step: Enable alarms	Enable alarms	<input type="checkbox"/> 320 Level (point 1) above alarm limit <input type="checkbox"/> 321 Level (point 1) above warning limit <input type="checkbox"/> 322 Level (point 1) below warning limit <input type="checkbox"/> 323 Level (point 1) below alarm limit <input type="checkbox"/> 324 Space (point 1) above alarm limit <input type="checkbox"/> 325 Space (point 1) above warning limit <input type="checkbox"/> 326 Space (point 1) below warning limit <input type="checkbox"/> 327 Space (point 1) below alarm limit <input type="checkbox"/> 328 Distance (point 1) above alarm limit <input type="checkbox"/> 329 Distance (point 1) above warning limit <input type="checkbox"/> 330 Distance (point 1) below warning limit <input type="checkbox"/> 331 Distance (point 1) below alarm limit <input type="checkbox"/> 336 Head (point 1) above alarm limit <input type="checkbox"/> 337 Head (point 1) above warning limit <input type="checkbox"/> 338 Head (point 1) below warning limit <input type="checkbox"/> 339 Head (point 1) below alarm limit <input type="checkbox"/> 332 Volume (point 1) above alarm limit <input type="checkbox"/> 333 Volume (point 1) above warning limit <input type="checkbox"/> 334 Volume (point 1) below warning limit <input type="checkbox"/> 335 Volume (point 1) below alarm limit <input type="checkbox"/> 100 Volume flow (point 1) above alarm limit <input type="checkbox"/> 101 Volume flow (point 1) above warning limit <input type="checkbox"/> 102 Volume flow (point 1) below warning limit <input type="checkbox"/> 103 Volume flow (point 1) below alarm limit <input type="checkbox"/> 108 Sensor temperature (point 1) above alarm limit <input type="checkbox"/> 109 Sensor temperature (point 1) above warning limit <input type="checkbox"/> 110 Sensor temperature (point 1) below warning limit <input type="checkbox"/> 111 Sensor temperature (point 1) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit	<input type="checkbox"/> 340 Level (point 2) above alarm limit <input type="checkbox"/> 341 Level (point 2) above warning limit <input type="checkbox"/> 342 Level (point 2) below warning limit <input type="checkbox"/> 343 Level (point 2) below alarm limit <input type="checkbox"/> 344 Space (point 2) above alarm limit <input type="checkbox"/> 345 Space (point 2) above warning limit <input type="checkbox"/> 346 Space (point 2) below warning limit <input type="checkbox"/> 347 Space (point 2) below alarm limit <input type="checkbox"/> 348 Distance (point 2) above alarm limit <input type="checkbox"/> 349 Distance (point 2) above warning limit <input type="checkbox"/> 350 Distance (point 2) below warning limit <input type="checkbox"/> 351 Distance (point 2) below alarm limit <input type="checkbox"/> 356 Head (point 2) above alarm limit <input type="checkbox"/> 357 Head (point 2) above warning limit <input type="checkbox"/> 358 Head (point 2) below warning limit <input type="checkbox"/> 359 Head (point 2) below alarm limit <input type="checkbox"/> 352 Volume (point 2) above alarm limit <input type="checkbox"/> 353 Volume (point 2) above warning limit <input type="checkbox"/> 354 Volume (point 2) below warning limit <input type="checkbox"/> 355 Volume (point 2) below alarm limit <input type="checkbox"/> 360 Volume flow (point 2) above alarm limit <input type="checkbox"/> 361 Volume flow (point 2) above warning limit <input type="checkbox"/> 362 Volume flow (point 2) below warning limit <input type="checkbox"/> 363 Volume flow (point 2) below alarm limit <input type="checkbox"/> 364 Sensor temperature (point 2) above alarm limit <input type="checkbox"/> 365 Sensor temperature (point 2) above warning limit <input type="checkbox"/> 366 Sensor temperature (point 2) below warning limit <input type="checkbox"/> 367 Sensor temperature (point 2) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit

Wizard - Quick start		
Alarms		
Step: <Process value> limits	Upper alarm limit	
	Lower alarm limit	
	Upper warning limit	
	Lower warning limit	
	Hysteresis	
Step: Alarm relays	Alarm relays	<input type="checkbox"/> Relay output 1 <input type="checkbox"/> Relay output 2 <input type="checkbox"/> Relay output 3 <input type="checkbox"/> Relay output 4 <input type="checkbox"/> Relay output 5 <input type="checkbox"/> Relay output 6

Wizard - Quick start			
Alarms			
Step: Alarms for relay x	Alarms for relay 1	<input type="checkbox"/> 320 Level (point 1) above alarm limit <input type="checkbox"/> 321 Level (point 1) above warning limit <input type="checkbox"/> 322 Level (point 1) below warning limit <input type="checkbox"/> 323 Level (point 1) below alarm limit <input type="checkbox"/> 324 Space (point 1) above alarm limit <input type="checkbox"/> 325 Space (point 1) above warning limit <input type="checkbox"/> 326 Space (point 1) below warning limit <input type="checkbox"/> 327 Space (point 1) below alarm limit <input type="checkbox"/> 328 Distance (point 1) above alarm limit <input type="checkbox"/> 329 Distance (point 1) above warning limit <input type="checkbox"/> 330 Distance (point 1) below warning limit <input type="checkbox"/> 331 Distance (point 1) below alarm limit <input type="checkbox"/> 336 Head (point 1) above alarm limit <input type="checkbox"/> 337 Head (point 1) above warning limit <input type="checkbox"/> 338 Head (point 1) below warning limit <input type="checkbox"/> 339 Head (point 1) below alarm limit <input type="checkbox"/> 332 Volume (point 1) above alarm limit <input type="checkbox"/> 333 Volume (point 1) above warning limit <input type="checkbox"/> 334 Volume (point 1) below warning limit <input type="checkbox"/> 335 Volume (point 1) below alarm limit <input type="checkbox"/> 100 Volume flow (point 1) above alarm limit <input type="checkbox"/> 101 Volume flow (point 1) above warning limit <input type="checkbox"/> 102 Volume flow (point 1) below warning limit <input type="checkbox"/> 103 Volume flow (point 1) below alarm limit <input type="checkbox"/> 108 Sensor temperature (point 1) above alarm limit <input type="checkbox"/> 109 Sensor temperature (point 1) above warning limit <input type="checkbox"/> 110 Sensor temperature (point 1) below warning limit <input type="checkbox"/> 111 Sensor temperature (point 1) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics	<input type="checkbox"/> 340 Level (point 2) above alarm limit <input type="checkbox"/> 341 Level (point 2) above warning limit <input type="checkbox"/> 342 Level (point 2) below warning limit <input type="checkbox"/> 343 Level (point 2) below alarm limit <input type="checkbox"/> 344 Space (point 2) above alarm limit <input type="checkbox"/> 345 Space (point 2) above warning limit <input type="checkbox"/> 346 Space (point 2) below warning limit <input type="checkbox"/> 347 Space (point 2) below alarm limit <input type="checkbox"/> 348 Distance (point 2) above alarm limit <input type="checkbox"/> 349 Distance (point 2) above warning limit <input type="checkbox"/> 350 Distance (point 2) below warning limit <input type="checkbox"/> 351 Distance (point 2) below alarm limit <input type="checkbox"/> 356 Head (point 2) above alarm limit <input type="checkbox"/> 357 Head (point 2) above warning limit <input type="checkbox"/> 358 Head (point 2) below warning limit <input type="checkbox"/> 359 Head (point 2) below alarm limit <input type="checkbox"/> 352 Volume (point 2) above alarm limit <input type="checkbox"/> 353 Volume (point 2) above warning limit <input type="checkbox"/> 354 Volume (point 2) below warning limit <input type="checkbox"/> 355 Volume (point 2) below alarm limit <input type="checkbox"/> 360 Volume flow (point 2) above alarm limit <input type="checkbox"/> 361 Volume flow (point 2) above warning limit <input type="checkbox"/> 362 Volume flow (point 2) below warning limit <input type="checkbox"/> 363 Volume flow (point 2) below alarm limit <input type="checkbox"/> 364 Sensor temperature (point 2) above alarm limit <input type="checkbox"/> 365 Sensor temperature (point 2) above warning limit <input type="checkbox"/> 366 Sensor temperature (point 2) below warning limit <input type="checkbox"/> 367 Sensor temperature (point 2) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics

Wizard - Quick start			
Alarms			
	Alarms for relay 2	<input type="checkbox"/> 320 Level (point 1) above alarm limit <input type="checkbox"/> 321 Level (point 1) above warning limit <input type="checkbox"/> 322 Level (point 1) below warning limit <input type="checkbox"/> 323 Level (point 1) below alarm limit <input type="checkbox"/> 324 Space (point 1) above alarm limit <input type="checkbox"/> 325 Space (point 1) above warning limit <input type="checkbox"/> 326 Space (point 1) below warning limit <input type="checkbox"/> 327 Space (point 1) below alarm limit <input type="checkbox"/> 328 Distance (point 1) above alarm limit <input type="checkbox"/> 329 Distance (point 1) above warning limit <input type="checkbox"/> 330 Distance (point 1) below warning limit <input type="checkbox"/> 331 Distance (point 1) below alarm limit <input type="checkbox"/> 336 Head (point 1) above alarm limit <input type="checkbox"/> 337 Head (point 1) above warning limit <input type="checkbox"/> 338 Head (point 1) below warning limit <input type="checkbox"/> 339 Head (point 1) below alarm limit <input type="checkbox"/> 332 Volume (point 1) above alarm limit <input type="checkbox"/> 333 Volume (point 1) above warning limit <input type="checkbox"/> 334 Volume (point 1) below warning limit <input type="checkbox"/> 335 Volume (point 1) below alarm limit <input type="checkbox"/> 100 Volume flow (point 1) above alarm limit <input type="checkbox"/> 101 Volume flow (point 1) above warning limit <input type="checkbox"/> 102 Volume flow (point 1) below warning limit <input type="checkbox"/> 103 Volume flow (point 1) below alarm limit <input type="checkbox"/> 108 Sensor temperature (point 1) above alarm limit <input type="checkbox"/> 109 Sensor temperature (point 1) above warning limit <input type="checkbox"/> 110 Sensor temperature (point 1) below warning limit <input type="checkbox"/> 111 Sensor temperature (point 1) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics	<input type="checkbox"/> 340 Level (point 2) above alarm limit <input type="checkbox"/> 341 Level (point 2) above warning limit <input type="checkbox"/> 342 Level (point 2) below warning limit <input type="checkbox"/> 343 Level (point 2) below alarm limit <input type="checkbox"/> 344 Space (point 2) above alarm limit <input type="checkbox"/> 345 Space (point 2) above warning limit <input type="checkbox"/> 346 Space (point 2) below warning limit <input type="checkbox"/> 347 Space (point 2) below alarm limit <input type="checkbox"/> 348 Distance (point 2) above alarm limit <input type="checkbox"/> 349 Distance (point 2) above warning limit <input type="checkbox"/> 350 Distance (point 2) below warning limit <input type="checkbox"/> 351 Distance (point 2) below alarm limit <input type="checkbox"/> 356 Head (point 2) above alarm limit <input type="checkbox"/> 357 Head (point 2) above warning limit <input type="checkbox"/> 358 Head (point 2) below warning limit <input type="checkbox"/> 359 Head (point 2) below alarm limit <input type="checkbox"/> 352 Volume (point 2) above alarm limit <input type="checkbox"/> 353 Volume (point 2) above warning limit <input type="checkbox"/> 354 Volume (point 2) below warning limit <input type="checkbox"/> 355 Volume (point 2) below alarm limit <input type="checkbox"/> 360 Volume flow (point 2) above alarm limit <input type="checkbox"/> 361 Volume flow (point 2) above warning limit <input type="checkbox"/> 362 Volume flow (point 2) below warning limit <input type="checkbox"/> 363 Volume flow (point 2) below alarm limit <input type="checkbox"/> 364 Sensor temperature (point 2) above alarm limit <input type="checkbox"/> 365 Sensor temperature (point 2) above warning limit <input type="checkbox"/> 366 Sensor temperature (point 2) below warning limit <input type="checkbox"/> 367 Sensor temperature (point 2) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics

Wizard - Quick start		
Alarms		
Alarms for relay 3	<input type="checkbox"/> 320 Level (point 1) above alarm limit <input type="checkbox"/> 321 Level (point 1) above warning limit <input type="checkbox"/> 322 Level (point 1) below warning limit <input type="checkbox"/> 323 Level (point 1) below alarm limit <input type="checkbox"/> 324 Space (point 1) above alarm limit <input type="checkbox"/> 325 Space (point 1) above warning limit <input type="checkbox"/> 326 Space (point 1) below warning limit <input type="checkbox"/> 327 Space (point 1) below alarm limit <input type="checkbox"/> 328 Distance (point 1) above alarm limit <input type="checkbox"/> 329 Distance (point 1) above warning limit <input type="checkbox"/> 330 Distance (point 1) below warning limit <input type="checkbox"/> 331 Distance (point 1) below alarm limit <input type="checkbox"/> 336 Head (point 1) above alarm limit <input type="checkbox"/> 337 Head (point 1) above warning limit <input type="checkbox"/> 338 Head (point 1) below warning limit <input type="checkbox"/> 339 Head (point 1) below alarm limit <input type="checkbox"/> 332 Volume (point 1) above alarm limit <input type="checkbox"/> 333 Volume (point 1) above warning limit <input type="checkbox"/> 334 Volume (point 1) below warning limit <input type="checkbox"/> 335 Volume (point 1) below alarm limit <input type="checkbox"/> 100 Volume flow (point 1) above alarm limit <input type="checkbox"/> 101 Volume flow (point 1) above warning limit <input type="checkbox"/> 102 Volume flow (point 1) below warning limit <input type="checkbox"/> 103 Volume flow (point 1) below alarm limit <input type="checkbox"/> 108 Sensor temperature (point 1) above alarm limit <input type="checkbox"/> 109 Sensor temperature (point 1) above warning limit <input type="checkbox"/> 110 Sensor temperature (point 1) below warning limit <input type="checkbox"/> 111 Sensor temperature (point 1) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics	<input type="checkbox"/> 340 Level (point 2) above alarm limit <input type="checkbox"/> 341 Level (point 2) above warning limit <input type="checkbox"/> 342 Level (point 2) below warning limit <input type="checkbox"/> 343 Level (point 2) below alarm limit <input type="checkbox"/> 344 Space (point 2) above alarm limit <input type="checkbox"/> 345 Space (point 2) above warning limit <input type="checkbox"/> 346 Space (point 2) below warning limit <input type="checkbox"/> 347 Space (point 2) below alarm limit <input type="checkbox"/> 348 Distance (point 2) above alarm limit <input type="checkbox"/> 349 Distance (point 2) above warning limit <input type="checkbox"/> 350 Distance (point 2) below warning limit <input type="checkbox"/> 351 Distance (point 2) below alarm limit <input type="checkbox"/> 356 Head (point 2) above alarm limit <input type="checkbox"/> 357 Head (point 2) above warning limit <input type="checkbox"/> 358 Head (point 2) below warning limit <input type="checkbox"/> 359 Head (point 2) below alarm limit <input type="checkbox"/> 352 Volume (point 2) above alarm limit <input type="checkbox"/> 353 Volume (point 2) above warning limit <input type="checkbox"/> 354 Volume (point 2) below warning limit <input type="checkbox"/> 355 Volume (point 2) below alarm limit <input type="checkbox"/> 360 Volume flow (point 2) above alarm limit <input type="checkbox"/> 361 Volume flow (point 2) above warning limit <input type="checkbox"/> 362 Volume flow (point 2) below warning limit <input type="checkbox"/> 363 Volume flow (point 2) below alarm limit <input type="checkbox"/> 364 Sensor temperature (point 2) above alarm limit <input type="checkbox"/> 365 Sensor temperature (point 2) above warning limit <input type="checkbox"/> 366 Sensor temperature (point 2) below warning limit <input type="checkbox"/> 367 Sensor temperature (point 2) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics

Wizard - Quick start			
Alarms			
	Alarms for relay 4	<input type="checkbox"/> 320 Level (point 1) above alarm limit <input type="checkbox"/> 321 Level (point 1) above warning limit <input type="checkbox"/> 322 Level (point 1) below warning limit <input type="checkbox"/> 323 Level (point 1) below alarm limit <input type="checkbox"/> 324 Space (point 1) above alarm limit <input type="checkbox"/> 325 Space (point 1) above warning limit <input type="checkbox"/> 326 Space (point 1) below warning limit <input type="checkbox"/> 327 Space (point 1) below alarm limit <input type="checkbox"/> 328 Distance (point 1) above alarm limit <input type="checkbox"/> 329 Distance (point 1) above warning limit <input type="checkbox"/> 330 Distance (point 1) below warning limit <input type="checkbox"/> 331 Distance (point 1) below alarm limit <input type="checkbox"/> 336 Head (point 1) above alarm limit <input type="checkbox"/> 337 Head (point 1) above warning limit <input type="checkbox"/> 338 Head (point 1) below warning limit <input type="checkbox"/> 339 Head (point 1) below alarm limit <input type="checkbox"/> 332 Volume (point 1) above alarm limit <input type="checkbox"/> 333 Volume (point 1) above warning limit <input type="checkbox"/> 334 Volume (point 1) below warning limit <input type="checkbox"/> 335 Volume (point 1) below alarm limit <input type="checkbox"/> 100 Volume flow (point 1) above alarm limit <input type="checkbox"/> 101 Volume flow (point 1) above warning limit <input type="checkbox"/> 102 Volume flow (point 1) below warning limit <input type="checkbox"/> 103 Volume flow (point 1) below alarm limit <input type="checkbox"/> 108 Sensor temperature (point 1) above alarm limit <input type="checkbox"/> 109 Sensor temperature (point 1) above warning limit <input type="checkbox"/> 110 Sensor temperature (point 1) below warning limit <input type="checkbox"/> 111 Sensor temperature (point 1) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics	<input type="checkbox"/> 340 Level (point 2) above alarm limit <input type="checkbox"/> 341 Level (point 2) above warning limit <input type="checkbox"/> 342 Level (point 2) below warning limit <input type="checkbox"/> 343 Level (point 2) below alarm limit <input type="checkbox"/> 344 Space (point 2) above alarm limit <input type="checkbox"/> 345 Space (point 2) above warning limit <input type="checkbox"/> 346 Space (point 2) below warning limit <input type="checkbox"/> 347 Space (point 2) below alarm limit <input type="checkbox"/> 348 Distance (point 2) above alarm limit <input type="checkbox"/> 349 Distance (point 2) above warning limit <input type="checkbox"/> 350 Distance (point 2) below warning limit <input type="checkbox"/> 351 Distance (point 2) below alarm limit <input type="checkbox"/> 356 Head (point 2) above alarm limit <input type="checkbox"/> 357 Head (point 2) above warning limit <input type="checkbox"/> 358 Head (point 2) below warning limit <input type="checkbox"/> 359 Head (point 2) below alarm limit <input type="checkbox"/> 352 Volume (point 2) above alarm limit <input type="checkbox"/> 353 Volume (point 2) above warning limit <input type="checkbox"/> 354 Volume (point 2) below warning limit <input type="checkbox"/> 355 Volume (point 2) below alarm limit <input type="checkbox"/> 360 Volume flow (point 2) above alarm limit <input type="checkbox"/> 361 Volume flow (point 2) above warning limit <input type="checkbox"/> 362 Volume flow (point 2) below warning limit <input type="checkbox"/> 363 Volume flow (point 2) below alarm limit <input type="checkbox"/> 364 Sensor temperature (point 2) above alarm limit <input type="checkbox"/> 365 Sensor temperature (point 2) above warning limit <input type="checkbox"/> 366 Sensor temperature (point 2) below warning limit <input type="checkbox"/> 367 Sensor temperature (point 2) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics

Wizard - Quick start		
Alarms		
Alarms for relay 5	<input type="checkbox"/> 320 Level (point 1) above alarm limit <input type="checkbox"/> 321 Level (point 1) above warning limit <input type="checkbox"/> 322 Level (point 1) below warning limit <input type="checkbox"/> 323 Level (point 1) below alarm limit <input type="checkbox"/> 324 Space (point 1) above alarm limit <input type="checkbox"/> 325 Space (point 1) above warning limit <input type="checkbox"/> 326 Space (point 1) below warning limit <input type="checkbox"/> 327 Space (point 1) below alarm limit <input type="checkbox"/> 328 Distance (point 1) above alarm limit <input type="checkbox"/> 329 Distance (point 1) above warning limit <input type="checkbox"/> 330 Distance (point 1) below warning limit <input type="checkbox"/> 331 Distance (point 1) below alarm limit <input type="checkbox"/> 336 Head (point 1) above alarm limit <input type="checkbox"/> 337 Head (point 1) above warning limit <input type="checkbox"/> 338 Head (point 1) below warning limit <input type="checkbox"/> 339 Head (point 1) below alarm limit <input type="checkbox"/> 332 Volume (point 1) above alarm limit <input type="checkbox"/> 333 Volume (point 1) above warning limit <input type="checkbox"/> 334 Volume (point 1) below warning limit <input type="checkbox"/> 335 Volume (point 1) below alarm limit <input type="checkbox"/> 100 Volume flow (point 1) above alarm limit <input type="checkbox"/> 101 Volume flow (point 1) above warning limit <input type="checkbox"/> 102 Volume flow (point 1) below warning limit <input type="checkbox"/> 103 Volume flow (point 1) below alarm limit <input type="checkbox"/> 108 Sensor temperature (point 1) above alarm limit <input type="checkbox"/> 109 Sensor temperature (point 1) above warning limit <input type="checkbox"/> 110 Sensor temperature (point 1) below warning limit <input type="checkbox"/> 111 Sensor temperature (point 1) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics	<input type="checkbox"/> 340 Level (point 2) above alarm limit <input type="checkbox"/> 341 Level (point 2) above warning limit <input type="checkbox"/> 342 Level (point 2) below warning limit <input type="checkbox"/> 343 Level (point 2) below alarm limit <input type="checkbox"/> 344 Space (point 2) above alarm limit <input type="checkbox"/> 345 Space (point 2) above warning limit <input type="checkbox"/> 346 Space (point 2) below warning limit <input type="checkbox"/> 347 Space (point 2) below alarm limit <input type="checkbox"/> 348 Distance (point 2) above alarm limit <input type="checkbox"/> 349 Distance (point 2) above warning limit <input type="checkbox"/> 350 Distance (point 2) below warning limit <input type="checkbox"/> 351 Distance (point 2) below alarm limit <input type="checkbox"/> 356 Head (point 2) above alarm limit <input type="checkbox"/> 357 Head (point 2) above warning limit <input type="checkbox"/> 358 Head (point 2) below warning limit <input type="checkbox"/> 359 Head (point 2) below alarm limit <input type="checkbox"/> 352 Volume (point 2) above alarm limit <input type="checkbox"/> 353 Volume (point 2) above warning limit <input type="checkbox"/> 354 Volume (point 2) below warning limit <input type="checkbox"/> 355 Volume (point 2) below alarm limit <input type="checkbox"/> 360 Volume flow (point 2) above alarm limit <input type="checkbox"/> 361 Volume flow (point 2) above warning limit <input type="checkbox"/> 362 Volume flow (point 2) below warning limit <input type="checkbox"/> 363 Volume flow (point 2) below alarm limit <input type="checkbox"/> 364 Sensor temperature (point 2) above alarm limit <input type="checkbox"/> 365 Sensor temperature (point 2) above warning limit <input type="checkbox"/> 366 Sensor temperature (point 2) below warning limit <input type="checkbox"/> 367 Sensor temperature (point 2) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics

Wizard - Quick start			
Alarms			
	Alarms for relay 6	<input type="checkbox"/> 320 Level (point 1) above alarm limit <input type="checkbox"/> 321 Level (point 1) above warning limit <input type="checkbox"/> 322 Level (point 1) below warning limit <input type="checkbox"/> 323 Level (point 1) below alarm limit <input type="checkbox"/> 324 Space (point 1) above alarm limit <input type="checkbox"/> 325 Space (point 1) above warning limit <input type="checkbox"/> 326 Space (point 1) below warning limit <input type="checkbox"/> 327 Space (point 1) below alarm limit <input type="checkbox"/> 328 Distance (point 1) above alarm limit <input type="checkbox"/> 329 Distance (point 1) above warning limit <input type="checkbox"/> 330 Distance (point 1) below warning limit <input type="checkbox"/> 331 Distance (point 1) below alarm limit <input type="checkbox"/> 336 Head (point 1) above alarm limit <input type="checkbox"/> 337 Head (point 1) above warning limit <input type="checkbox"/> 338 Head (point 1) below warning limit <input type="checkbox"/> 339 Head (point 1) below alarm limit <input type="checkbox"/> 332 Volume (point 1) above alarm limit <input type="checkbox"/> 333 Volume (point 1) above warning limit <input type="checkbox"/> 334 Volume (point 1) below warning limit <input type="checkbox"/> 335 Volume (point 1) below alarm limit <input type="checkbox"/> 100 Volume flow (point 1) above alarm limit <input type="checkbox"/> 101 Volume flow (point 1) above warning limit <input type="checkbox"/> 102 Volume flow (point 1) below warning limit <input type="checkbox"/> 103 Volume flow (point 1) below alarm limit <input type="checkbox"/> 108 Sensor temperature (point 1) above alarm limit <input type="checkbox"/> 109 Sensor temperature (point 1) above warning limit <input type="checkbox"/> 110 Sensor temperature (point 1) below warning limit <input type="checkbox"/> 111 Sensor temperature (point 1) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics	<input type="checkbox"/> 340 Level (point 2) above alarm limit <input type="checkbox"/> 341 Level (point 2) above warning limit <input type="checkbox"/> 342 Level (point 2) below warning limit <input type="checkbox"/> 343 Level (point 2) below alarm limit <input type="checkbox"/> 344 Space (point 2) above alarm limit <input type="checkbox"/> 345 Space (point 2) above warning limit <input type="checkbox"/> 346 Space (point 2) below warning limit <input type="checkbox"/> 347 Space (point 2) below alarm limit <input type="checkbox"/> 348 Distance (point 2) above alarm limit <input type="checkbox"/> 349 Distance (point 2) above warning limit <input type="checkbox"/> 350 Distance (point 2) below warning limit <input type="checkbox"/> 351 Distance (point 2) below alarm limit <input type="checkbox"/> 356 Head (point 2) above alarm limit <input type="checkbox"/> 357 Head (point 2) above warning limit <input type="checkbox"/> 358 Head (point 2) below warning limit <input type="checkbox"/> 359 Head (point 2) below alarm limit <input type="checkbox"/> 352 Volume (point 2) above alarm limit <input type="checkbox"/> 353 Volume (point 2) above warning limit <input type="checkbox"/> 354 Volume (point 2) below warning limit <input type="checkbox"/> 355 Volume (point 2) below alarm limit <input type="checkbox"/> 360 Volume flow (point 2) above alarm limit <input type="checkbox"/> 361 Volume flow (point 2) above warning limit <input type="checkbox"/> 362 Volume flow (point 2) below warning limit <input type="checkbox"/> 363 Volume flow (point 2) below alarm limit <input type="checkbox"/> 364 Sensor temperature (point 2) above alarm limit <input type="checkbox"/> 365 Sensor temperature (point 2) above warning limit <input type="checkbox"/> 366 Sensor temperature (point 2) below warning limit <input type="checkbox"/> 367 Sensor temperature (point 2) below alarm limit <input type="checkbox"/> 376 Auxiliary temperature above alarm limit <input type="checkbox"/> 377 Auxiliary temperature above warning limit <input type="checkbox"/> 378 Auxiliary temperature below warning limit <input type="checkbox"/> 379 Auxiliary temperature below alarm limit <input type="checkbox"/> Sensor diagnostics
Notes:			

3.7 Custom application

Use this chart to collect data points for a custom volume or a custom flow application.

Note

Print two copies, and complete chart for each measurement point, if both points configured for a CUSTOM application.

Custom application - Customized volume or Customized flow				
Device menu	Parameter	Value	Parameter	Value
Custom <volume or flow> table 1 to 16	X-value 1		Y-value 1	
	X-value 2		Y-value 2	
	X-value 3		Y-value 3	
	X-value 4		Y-value 4	
	X-value 5		Y-value 5	
	X-value 6		Y-value 6	
	X-value 7		Y-value 7	
	X-value 8		Y-value 8	
	X-value 9		Y-value 9	
	X-value 10		Y-value 10	
	X-value 11		Y-value 11	
	X-value 12		Y-value 12	
	X-value 13		Y-value 13	
	X-value 14		Y-value 14	
	X-value 15		Y-value 15	
	X-value 16		Y-value 16	
Custom <volume or flow> table 17 to 32	X-value 17		Y-value 17	
	X-value 18		Y-value 18	
	X-value 19		Y-value 19	
	X-value 20		Y-value 20	
	X-value 21		Y-value 21	
	X-value 22		Y-value 22	
	X-value 23		Y-value 23	
	X-value 24		Y-value 24	
	X-value 25		Y-value 25	
	X-value 26		Y-value 26	
	X-value 27		Y-value 27	
	X-value 28		Y-value 28	
	X-value 29		Y-value 29	
	X-value 30		Y-value 30	
	X-value 31		Y-value 31	
	X-value 32		Y-value 32	