

Selection and Ordering data		Order No.
SITRANS LUC500 The SITRANS LUC500 is a complete ultrasonic level controller for monitoring and control of water distribution and wastewater collection systems, with energy-saving algorithms.	C)	7ML5001-
Mounting Panel mount version Rack mount version for 19" rack Wall mount, standard enclosure Wall, 4 entry, M20 (valid with approval option 3 only)	1 2 3 5	A
Input voltage 100 to 230 V AC 12 to 30 V DC	A B	
Number of measurement points Single point version Dual point version	A B	
Data communications SmartLinx ready, no module SmartLinx PROFIBUS DP module SmartLinx Allen-Bradley Remote I/O module SmartLinx DeviceNet module	0 1 2 3	
Protocol Modbus RTU/ASCII	1	
Auxilliary memory None 1 Mbyte static RAM, including data logging module	0 1	
Auxilliary I/O None 2 analog inputs and 2 analog outputs 4 analog inputs 4 analog outputs 8 digital inputs 8 digital inputs, 2 analog inputs and 2 analog outputs (only for wall mount)	A B C D E F	
Approvals CSA, CE, UL (not available with mounting option 5) CE	2 3	
Further designs Please add “-Z” to Order No. and specify Order code(s). Stainless steel tag [69 mm x 50 mm (2.71 x 1.97")]: Measuring-point number/identification (max. 16 characters) specify in plain text		Order code Y15
Instruction manual English French German Note: The instruction manual should be ordered as a separate line on the order This device is shipped with the Siemens Milltronics manual CD containing the complete ATEX Quick Start and instruction manual library.	C) C) C)	7ML1998-5GL01 7ML1998-5GL11 7ML1998-5GL31
Other Instruction manual Smartlinx Allen-Bradley Remote I/O, English Smartlinx PROFIBUS DP, English Smartlinx PROFIBUS DP, German Smartlinx PROFIBUS DP, French Smartlinx Devicenet, English Note: The appropriate Smartlinx instruction manual should be ordered as a separate line on the order	C) C) C) C) C)	7ML1998-1AP03 7ML1998-1AQ03 7ML1998-1AQ33 7ML1998-1AQ12 7ML1998-1BH02

C) Subject to export regulations AL: N, ECCN: EAR99.

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SITRANS LUC500 The SITRANS LUC500 is a complete ultrasonic level controller for monitoring and control of water distribution and wastewater collection systems, with energy-saving algorithms.		C) 7ML 5 0 0 1 - 
Handheld programmer		7ML1830-2AG
ERS 500 Configuration Tool software, CD, cable kit, B) and License		7ML1930-1AE
ERS 500 Configuration Tool software, License only B)		7ML1930-1AF
ERS500 Configuration Tool software, demo CD only B)		7ML1930-1AG
See SmartLinx product page 5/233 for more information.		
Tag, stainless steel, 12 x 45 mm (0.47 x 1.77"), one text line, suitable for enclosures		7ML1930-1AC
Auxiliary Cards. Access code required ¹⁾		
1 MB static RAM extended memory	C)	PBD-51034040
2 analog input / 2 analog output for rack and panel mount version	C)	PBD-51034039
2 analog input / 2 analog output for wall mount version	C)	PBD-51034044
8 digital input for rack and panel mount version	C)	PBD-51034042
8 digital input for wall mount version	C)	PBD-51034043
4 analog input for rack and panel mount version	C)	PBD-51034045
4 analog input for wall mount version	C)	PBD-51034046
4 analog output for rack and panel mount version	C)	PBD-51034047
4 analog output for wall mount version	C)	PBD-51034048
8 digital inputs, 2 analog inputs, 2 analog outputs, wall mount	C)	PBD-51034272
Access code, dual point capability	C)	7ML1830-1KA
Auxiliary Cards²⁾		
1 MB static RAM extended memory	C)	7ML1830-1KR
2 analog input / 2 analog output for rack and panel mount version	C)	7ML1830-1KS
2 analog input / 2 analog output for wall mount version	C)	7ML1830-1KT
8 digital input for rack and panel mount version	C)	7ML1830-1KU
8 digital input for wall mount version	C)	7ML1830-1LA
4 analog input for rack and panel mount version	C)	7ML1830-1LB
4 analog input for wall mount version	C)	7ML1830-1LC
4 analog output for rack and panel mount version	C)	7ML1830-1LD
4 analog output for wall mount version	C)	7ML1830-1LE
8 digital inputs, 2 analog inputs, 2 analog outputs, wall mount	C)	7ML1830-1LF

¹⁾ Values of parameters P345 and P346 must be obtained from the customer in order to generate the order for the access code.

²⁾ For replacement of auxiliary card or spare auxiliary card. Access code not required. Must be used only as replacement cards.

B) Subject to export regulations AL: N, ECCN: EAR99S

C) Subject to export regulations AL: N, ECCN: EAR99