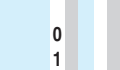
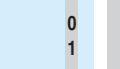
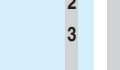


Selection and Ordering data		Order No.
MultiRanger 100/200	C) 7ML 5 0 3 3 -	
Versatile short to medium-range ultrasonic single and multi-vessel level monitor/controller for virtually any application in a wide range of industries		
Versions		
MultiRanger 100, level measurement only	1	
MultiRanger 200, level, volume, flow and differential measurements	2	
Mounting, enclosure design		
Wall mount, standard enclosure	A	
Wall mount, 4 entries, 4 M20 cable glands included	B	
Panel mount (CE, CSA _{US} /c, FM, UL)	C	
Power supply		
100 to 230 V AC	A	
12 to 30 V DC	B	
Number of measurement points		
Single point version	0	
Dual point version	1	
Communication (SmartLinx)		
Without module	0	
SmartLinx® Allen-Bradley® Remote I/O module	1	
SmartLinx PROFIBUS DP module	2	
SmartLinx DeviceNet™ module	3	
See SmartLinx product page 5/233 for more information.		
Output relays		
3 relays (2 Form A, 1 Form C), 250 V AC	1	
6 relays (4 Form A, 2 Form C), 250 V AC	2	
1 relay (1 Form A), 250 V AC (available on MultiRanger 100 model only)	3	
Approvals		
General Purpose CE, FM, CSA _{US} /c, UL listed	A	
CSA Class I, Div. 2, Groups A, B, C and D; Class II, Div 2, Groups F and G; Class III ¹⁾	B	
ATEX II 3D ²⁾	C	
Further designs	Order code	
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		Y15

Selection and Ordering data		Order No.
MultiRanger 100/200	C)	7ML 5 0 3 3 -
Versatile short to medium-range ultrasonic single and multi-vessel level monitor/controller for virtually any application in a wide range of industries		
Instruction manual		
English	C)	7ML1998-5FB05
French	C)	7ML1998-5FB13
Spanish	C)	7ML1998-5FB23
German	C)	7ML1998-5FB34
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.		
Other instruction manuals		
SmartLinx Allen-Bradley Remote I/O, English	C)	7ML1998-1AP03
SmartLinx PROFIBUS DP, English	C)	7ML1998-1AQ03
SmartLinx PROFIBUS DP, German	C)	7ML1998-1AQ33
SmartLinx PROFIBUS DP, French	C)	7ML1998-1AQ12
SmartLinx DeviceNet, English	C)	7ML1998-1BH02
Note: The appropriate SmartLinx instruction manual should be ordered as a separate line on the order.		
Accessories		
Handheld programmer		7ML1830-2AK
Tag, stainless steel, 12 x 45 mm (0.47 x 1.77"), one text line, suitable for enclosure		7ML1930-1AC
TS-3 Temperature Sensor - see TS-3 on page 5/144		
Spare parts		
Power Supply Board (100 to 230 V AC)	C)	7ML1830-1MD
Power Supply Board (12 to 30 V DC)	C)	7ML1830-1ME
Display Board	C)	7ML1830-1MF
See SmartLinx product page 5/233 for more information.		
1) For wall mount applications only		
2) For standard enclosure wall mount, option A only		
C) Subject to export regulations AL: N, ECCN: EAR99		
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®Belden is a registered trademark of Belden Wire and Cable Company.		
®Allen-Bradley is a registered trademark of Rockwell Automation.		
™ DeviceNet is a trademark of Open DeviceNet Vendor Association (ODVA)		