

Selection and Ordering data	Article No.	
MultiRanger 100/200 Versatile short to medium-range ultrasonic single and multi-vessel level monitor/controller for virtually any application in a wide range of industries  Click on the Article No. for the online configuration in the PIA Life Cycle Portal.	 7ML5033-	
Versions MultiRanger 100, level measurement only MultiRanger 200, level, volume, flow and differential measurements	 1  2	
Mounting, enclosure design Wall mount, standard enclosure Wall mount, 4 entries, 4 M20 cable glands included Panel mount (CE, CSA _{US/IC} , FM, UL)	 A  B  C	
Power supply 100 ... 230 V AC 12 ... 30 V DC	 A  B	
Number of measurement points Single point version Dual point version	 0  1	
Communication (SmartLinx) Without module SmartLinx PROFIBUS DP module SmartLinx DeviceNet module See SmartLinx product on page 4/362 for more information.	 0  2  3	
Output relays 3 relays (2 Form A, 1 Form C), 250 V AC 6 relays (4 Form A, 2 Form C), 250 V AC 1 relay (1 Form A), 250 V AC (available on MultiRanger 100 model only)	 1  2  3	
Approvals General Purpose CE, FM, CSA _{US/IC} , UL listed, RCM CSA Class I, Div. 2, Groups A, B, C and D; Class II, Div. 2, Groups F and G; Class III ¹⁾ ATEX II 3D ²⁾	 A  B  C	

¹⁾ For wall mount applications only

²⁾ For standard enclosure wall mount, option A only

 We can offer shorter delivery times for configurations designated with the Quick Ship Symbol . For details see page 9/5 in the appendix.

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Further designs Please add "-Z" to Article No. and specify Order code(s). Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text	 Y15
Operating Instructions English French Spanish German Quick Start guide, multi-language Note: The Operating Instructions should be ordered as a separate item on the order. This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Quick Start and Operating Instructions library.	Article No. 7ML1998-5FB06 7ML1998-5FB13 7ML1998-5FB23 7ML1998-5FB36 7ML1998-5QD83
Other Operating Instructions SmartLinx PROFIBUS DP, English SmartLinx PROFIBUS DP, German SmartLinx PROFIBUS DP, French SmartLinx DeviceNet, English Note: The appropriate SmartLinx Operating Instructions should be ordered as a separate line on the order.	7ML1998-1AQ03 7ML1998-1AQ33 7ML1998-1AQ13 7ML1998-1BH02
Accessories Handheld programmer Tag, stainless steel, 12 x 45 mm (0.47 x 1.77 inch), one text line, suitable for enclosure M20 cable gland kit (4 M20 cable glands, 4 M20 nuts, 4 washers) Sunshield kit, 304 stainless steel SITRANS RD100, loop powered display - see Chapter 7 SITRANS RD200, universal input display with Modbus conversion - see Chapter 7 SITRANS RD300, dual line display with totalizer and linearization curve and Modbus conversion - see Chapter 7 SITRANS RD500 web, universal remote monitoring solution for instrumentation - see Chapter 7	7ML1830-2AK 7ML1930-1AC 7ML1930-1FV 7ML1930-1GA 7ML5741-... 7ML5740-... 7ML5744-... 7ML5750-...
Spare parts Power Supply Board (100 ... 230 V AC) Power Supply Board (12 ... 30 V DC) Display Board	7ML1830-1MD 7ML1830-1ME 7ML1830-1MF

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