
























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  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/IC} , FM, UL)  C	
Power supply 100 ... 230 V AC  A 12 ... 30 V DC  B	
Number of measurement points Single point version  0 Dual point version  1	
Communication (SmartLinx) Without module  0 SmartLinx PROFIBUS DP module  2 SmartLinx DeviceNet module  3 See SmartLinx product on page 4/374 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  3 (available on MultiRanger 100 model only)	
Approvals General Purpose CE, FM, CSA _{US/IC} , UL listed, RCM  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	

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)]:  Y15 Measuring-point number/identification (max. 27 characters) specify in plain text	
Operating Instructions All literature is available to download for free, in a range of languages, at http://www.siemens.com/processinstrumentation/documentation This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick Start and Operating Instructions library.	
Accessories Handheld programmer A5E36563512 Tag, stainless steel, 12 x 45 mm (0.47 x 1.77 inch), one text line, suitable for enclosure 7ML1930-1AC M20 cable gland kit (4 M20 cable glands, 4 M20 nuts, 4 washers) 7ML1930-1FV Sunshield kit, 304 stainless steel 7ML1930-1GA USB to RS 232 adapter 7ML1930-6AK SITRANS RD100, loop powered display - see Chapter 7 7ML5741-... SITRANS RD200, universal input display with Modbus conversion - see Chapter 7 7ML5740-... SITRANS RD300, dual line display with totalizer and linearization curve and Modbus conversion - see Chapter 7 7ML5744-... SITRANS RD500 web, universal remote monitoring solution for instrumentation - see Chapter 7 7ML5750-...	Article No.
Spare parts Power Supply Board (100 ... 230 V AC) 7ML1830-1MD Power Supply Board (12 ... 30 V DC) 7ML1830-1ME MultiRanger 100/200/ HydroRanger 200 display, non-HMI 7ML1830-1MF Removable terminal blocks A5E38824197	

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