

Selection and Ordering data		Article No.
MultiRanger 200 HMI Versatile short to medium-range ultrasonic single and multi-vessel level monitor/controller for virtually any application in a wide range of industries		7ML5033-
 Click on the Article No. for the online configuration in the PIA Life Cycle Portal.		
Versions MultiRanger 200, level, volume, flow, and differential measurements		2
Mounting, enclosure design 4 button HMI, Wall mount, standard enclosure 4 button HMI, Wall mount, 4 entries, 4 M20 cable glands included 4 button HMI, Panel Mount		D E F
Input voltage 100 ... 230 V AC 12 ... 30 V DC		A B
Number of measurement points Single point version Dual point version		0 1
Data communications (SmartLinx) Without module SmartLinx PROFIBUS DPV0 module SmartLinx DeviceNet module SmartLinx PROFIBUS DPV1 module See SmartLinx product page 4/374 for more information.		0 2 3 4
Output relays 6 relays (4 Form A, 2 Form C), 250 V AC		2
Approvals General Purpose CE, FM, CSA _{USC} , 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⁾		A B

¹⁾ Available with Mounting/Enclosure design options D or E
 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		
Test Certificate: Manufacturer's test certificate M to DIN 55350, Part 18 and to ISO 9000		C11
Operating Instructions English German Note: The instruction manual should be ordered as a separate line on the order. 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 complete ATEX Quick Start and instruction manual library.		Article No. AE535857004 A5E36182123
Other Operating Instructions SmartLinx PROFIBUS DPV1, English SmartLinx PROFIBUS DPV1, German SmartLinx PROFIBUS DP, English SmartLinx PROFIBUS DP, German SmartLinx DeviceNet, English Note: The appropriate SmartLinx Operating Instructions should be ordered as a separate line on the order. All literature is available to download for free, in a range of languages, at http://www.siemens.com/processinstrumentation/documentation		A5E36197302 A5E36197305 7ML1998-1AQ03 7ML1998-1AQ33 7ML1998-1BH02
Optional equipment Tag, stainless steel, 12 x 45 mm, one text line, suitable for enclosures Sun-shield, 304 Stainless steel USB to RS 232 adapter RS 232 to RJ11 COMMS adapter 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		7ML1930-1AC 7ML1930-1GA 7ML1930-6AK 7ML1830-1MC 7ML5741-... 7ML5740-... 7ML5744-... 7ML5750-...
Spare parts Power Supply Board (100 ... 230 V AC) Power Supply Board (12 ... 30 V DC) Spare lid with HMI, MultiRanger 200 HMI/ HydroRanger 200 HMI, wall Spare lid with HMI, MultiRanger 200 HMI/ HydroRanger 200 HMI, panel SmartLinx PROFIBUS DP V1 module		7ML1830-1MD 7ML1830-1ME A5E35778738 A5E35778740 A5E35778741

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