

Selection and Ordering data		Article No.	Selection and Ordering data		Order code
SITRANS Probe LU 2-wire, loop powered ultrasonic transmitter for level, volume and flow monitoring of liquids in open channels, storage vessels, and simple process vessels.		7ML5221-	Further designs Please add "-Z" to Article No. and specify Order code(s).		
 Click on the Article No. for the online configuration in the PIA Life Cycle Portal.			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		
Enclosure/Cable Inlet Plastic (PBT), 1 x M20 x 1.5 and 1 x ½" NPT (no cable glands supplied)  0 Plastic (PBT), 2 x M20 x 1.5 (includes 1 general purpose cable gland: 7ML1930-1AM)  1 Plastic (PBT), 2 x ½" NPT (no cable glands supplied)  2			Operating Instructions for HART/mA device English German Note: The Operating Instructions should be ordered as a separate item 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 ATEX Quick Start and Operating Instructions library.		Article No. A5E32337695 A5E34957881
Range/Transducer material 6 m (20 ft), ETFE  A 6 m (20 ft), PVDF Copolymer  B 12 m (40 ft), ETFE  C 12 m (40 ft), PVDF Copolymer  D			Operating Instructions for PROFIBUS PA device English German Note: The Operating Instructions should be ordered as a separate item 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 ATEX Quick Start and Operating Instructions library.		A5E32337708 A5E34957884
Process connection 2" NPT [(Taper), ANSI/ASME B1.20.1]  A R 2" [(BSPT), EN 10226]  B G 2" [(BSPP), EN ISO 228-1]  C					
Communication/Output 4 ... 20 mA, HART  1 PROFIBUS PA  2					
Approvals General Purpose, FM, CSA _{US/C} , CE, RCM, KCC  1 Non-incendive, FM Class I, Div. 2, Groups A, B, C, D T5  4 Intrinsically Safe, CSA/FM Class I, Div. 1, Groups A, B, C, D; Class II, Div. 1, Groups E, F, G; Class III T4 ²⁾  5 Intrinsically Safe ATEX 1G / IECEx / INMETRO Ex ia IIC T4 Ga, RCM, KCC ³⁾  6 Intrinsically Safe ATEX 1G / IECEx / INMETRO Ex ia IIC T4 Ga, RCM, KCC ³⁾  7 Intrinsically safe, CSA/FM Class I, Div. 1, Groups A, B, C, D; Class II, Div. 1, Groups E, F, G; Class III T4 ³⁾  8			Accessories Handheld programmer, Intrinsically Safe, EEx ia Handheld programmer, General Purpose approvals Handheld programmer, Infrared, Intrinsically Safe, PROFIBUS PA HART modem/USB (for use with a PC and SIMATIC PDM) 2" NPT locknut, plastic 2" BSPT locknut, plastic 3" ASME, DN 65 PN 10, JIS 10K 3B ETFE Flange adapter for 2" NPT 3" ASME, DN 65 PN 10, JIS 10K 3B ETFE Flange adapter for 2" BSPT One General Purpose polymeric cable gland M20 x 1.5, rated for -20 ... +80 °C (-4 ... +176 °F) One metallic cable gland M20 x 1.5, rated -40 ... +80 °C (-40 ... +176 °F) for General Purpose or ATEX EEx e installations (available for HART only) One metallic cable gland M20 x 1.5, rated -40 ... +80 °C (-40 ... +176 °F) with integrated shield connection (available for PROFIBUS PA) Probe LU, rock guard/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 For applicable back up point level switch see point level measurement section.		7ML5830-2AH A5E36563512 7ML5830-2AJ 7MF4997-1DB 7ML1830-1DT 7ML1830-1DQ 7ML1830-1BT 7ML1830-1BU 7ML1930-1AM 7ML1930-1AP 7ML1930-1AQ 7ML1930-1GH 7ML5741-... 7ML5740-... 7ML5744-... 7ML5750-...
Approvals General Purpose, FM, CSA _{US/C} , CE, RCM, KCC  1 Non-incendive, FM Class I, Div. 2, Groups A, B, C, D T5  4 Intrinsically Safe, CSA/FM Class I, Div. 1, Groups A, B, C, D; Class II, Div. 1, Groups E, F, G; Class III T4 ²⁾  5 Intrinsically Safe ATEX 1G / IECEx / INMETRO Ex ia IIC T4 Ga, RCM, KCC ³⁾  6 Intrinsically Safe ATEX 1G / IECEx / INMETRO Ex ia IIC T4 Ga, RCM, KCC ³⁾  7 Intrinsically safe, CSA/FM Class I, Div. 1, Groups A, B, C, D; Class II, Div. 1, Groups E, F, G; Class III T4 ³⁾  8			Spare Parts Plastic lid		7ML1830-1KB
 We can offer shorter delivery times for configurations designated with the Quick Ship Symbol  . For details see page 9/5 in the appendix.			 We can offer shorter delivery times for configurations designated with the Quick Ship Symbol  . For details see page 9/5 in the appendix		