

Selection and Ordering data	Article No.	
SITRANS Probe LR	➤ 7ML5430-	
2-wire, 6 GHz pulse radar level transmitter for continuous monitoring of liquids and slurries in storage vessels with nominal pressure and temperature, to a range of 20 m (66 ft).		
Max. 3 bar g (43.5 psi g) pressure and 80 °C (176 °F)		
➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.		
Enclosure/Cable inlet		
Plastic, (PBT), 2 x ½" NPT	➤	1
Plastic, (PBT), 2 x M20x1.5	➤	2
Antenna type/Material - (max. 3 bar and 80 °C)		
Polypropylene Antenna		
1½" NPT [(Taper), ANSI/ASME B1.20.1], comes with integral 100 mm shield	➤	A
R 1½" [(BSPT), EN 10226], comes with integral 100 mm shield	➤	B
G 1½" [(BSPP), EN ISO 228-1], comes with integral 100 mm shield	➤	C
1½" NPT [(Taper), ANSI/ASME B1.20.1], comes with integral 250 mm shield	➤	D
R 1½" [(BSPT), EN 10226], comes with integral 250 mm shield	➤	E
G 1½" [(BSPP), EN ISO 228-1], comes with integral 250 mm shield	➤	F
Approvals		
General Purpose, CE, R&TTE, RCM	➤	A
General Purpose, CSA _{US/C} , FM, FCC	➤	B
CSA Class I, Div. 1, Groups A, B, C, D, Class II, Div. 1 Group G, Class III, FCC, Intrinsically Safe	➤	C
FM, Class I, II and III, Div. 1, Groups A, B, C, D, E, F, G, FCC, Intrinsically Safe	➤	D
IECEx Ex ia IIC T4; ATEX II 1G EEx ia IIC T4, R&TTE, RCM, Intrinsically Safe; INMETRO Ex ia IIC T4 Ga; GOST-R	➤	E
Communication/Output		
4 ... 20 mA, HART	➤	1

➤ 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
Manufacturer's test certificate: M to DIN 55350, Part 18 and to ISO 9000	➤ C11
Operating Instructions	Article No.
English	A5E32337711
French	7ML1998-5HR11
Spanish	7ML1998-5HR21
German	A5E34957879
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.	
Additional Operating Instructions	
Multi-language Quick Start manual	A5E32106153
Accessories	
Handheld programmer, Intrinsically Safe, ATEX II 1G, Ex ia	7ML5830-2AH
HART modem/USB (for use with a PC and SIMATIC PDM)	7MF4997-1DB
One metallic cable gland M20x1.5, rated -40 ... +80 °C (-40 ... +176 °F)	7ML1930-1AP
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-...
For applicable back up point level switch - see point level measurement section	
Spare parts	
Plastic lid	7ML1830-1KB
For applicable back up point level switch - see point level measurement section	

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