

Selection and Ordering data		Order No.
SITRANS Probe LR 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 pressure and +80 °C (+176 °F)	C)	7ML 5 4 3 0 -
		
Enclosure Plastic, (PBT), 2 x ½" NPT Plastic, (PBT), 2 x M20x1.5	1	
	2	
Antenna type/Material - (max. 3 bar and +80 °C) <u>Polypropylene Antenna</u> 1½" NPT [(Taper), ANSI/ASME B1.20.1], c/w integral 100 mm shield R 1½" [(BSPT), EN 10226], c/w integral 100 mm shield G 1½" [(BSPP), EN ISO 228-1], c/w integral 100 mm shield 1½" NPT [(Taper), ANSI/ASME B1.20.1], c/w integral 250 mm shield R 1½" [(BSPT), EN 10226], c/w integral 250 mm shield G 1½" [(BSPP), EN ISO 228-1], c/w integral 250 mm shield	A	
	B	
	C	
	D	
	E	
	F	
Approvals General Purpose, CE ¹⁾ General Purpose, FM, CSA _{US/C} ²⁾ CSA Class I, Div 1, Groups A, B, C, D, Class II, Div. 1 Group G, Class III, Intrinsically Safe with suitable barrier ²⁾ FM, Class I, II and III, Div 1, Groups A, B, C, D, E, F, G, Intrinsically Safe with suitable barrier ²⁾ ATEX II 1G EEx ia IIC T4, Intrinsically Safe with suitable barrier ¹⁾	A	
	B	
	C	
	D	
	E	
Communication/Output 4 to 20 mA, HART®		1
Further designs		Order code
Please add "-Z" to Order No. and specify Order code(s).		
Stainless steel tag [69 mm x 50 mm (2.71 x 1.97")]: Measuring-point number/identification (max. 16 characters) specify in plain text		Y15
Test certificate: Manufacturer's test certificate M to DIN 55350, Part 18 and to ISO 9000		C11
Instruction manual		Order No.
English	C)	7ML1998-5HR02
French	C)	7ML1998-5HR11
Spanish	C)	7ML1998-5HR21
German	C)	7ML1998-5HR31
Note: The instruction manual should be ordered as a separate item on the order.		
This device is shipped with the Siemens Milltronics manual CD containing the complete ATEX Quick Start and instruction manual library.		
Additional quick start manual		
Multi-language Quick Start manual	C)	7ML1998-5QP81
Note: Due to ATEX regulations, one Quick Start manual is included with every product.		
Optional equipment		
Handheld programmer, Intrinsically Safe, ATEX II 1G, EEx ia		7ML5830-2AH
HART® modem/RS-232 (for use with a PC and SIMATIC PDM)	D)	7MF4997-1DA
HART modem/USB (for use with a PC and SIMATIC PDM)	D)	7MF4997-1DB
One metallic cable gland M20x1.5, rated -40 to +80 °C (-40 to +176 °F)		7ML1930-1AP
Spare parts		
Plastic lid	C)	7ML1830-1KB

¹⁾ Includes European Radio approvals (R&TTE), 5.8 GHz

²⁾ Includes FCC Radio approvals, 6.3 GHz for North America only

C) Subject to export regulations AL: N, ECCN: EAR99

D) Subject to export regulations AL: N, ECCN: EAR99H