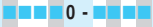
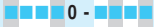


Selection and Ordering data		Order No.
<b>SITRANS LR250</b>	C) <b>7 ML 5 4 3 1 -</b>	
2-wire, 25 GHz pulse radar level transmitter for continuous monitoring of liquids and slurries in storage and process vessels including high temperature and pressure, to a range of 20 m (66 ft). Ideal for small vessels and low dielectric media.		
<b>Process Connection and Antenna Material</b>		
316L (1.4435 or 1.4404) stainless steel, PTFE emitter, FKM seal	<b>0</b>	
316L (1.4435 or 1.4404) stainless steel, PTFE emitter, FFKM seal	<b>1</b>	
Hastelloy C-22/2.4602, PTFE emitter, FKM seal <sup>1)</sup>	<b>2</b>	
Hastelloy C-22/2.4602, PTFE emitter, FFKM seal <sup>1)</sup>	<b>3</b>	
<b>Process Connection Type</b>		
1½" NPT [(Taper), ANSI/ASME B1.20.1] <sup>2)</sup>	<b>AA</b>	
R 1½" [(BSPT), EN 10226] <sup>2)</sup>	<b>AB</b>	
G 1½" [(BSPP), EN ISO 228-1] (parallel thread) <sup>2)</sup>	<b>AC</b>	
2" NPT [(Taper), ANSI/ASME B1.20.1]	<b>AD</b>	
R 2" [(BSPT), EN 10226]	<b>AE</b>	
G 2" [(BSPP), EN ISO 228-1] (parallel thread)	<b>AF</b>	
2" ASME, 150 lb	<b>BA</b>	
3" ASME, 150 lb	<b>BB</b>	
4" ASME, 150 lb	<b>BC</b>	
2" ASME, 300 lb	<b>CA</b>	
3" ASME, 300 lb	<b>CB</b>	
4" ASME, 300 lb	<b>CC</b>	
DN 50 PN16	<b>DA</b>	
DN 80 PN16	<b>DB</b>	
DN 100 PN16	<b>DC</b>	
DN 50 PN40	<b>EA</b>	
DN 80 PN40	<b>EB</b>	
DN 100 PN40	<b>EC</b>	
JIS 50A 10K	<b>FA</b>	
JIS 80A 10K	<b>FB</b>	
JIS 100A 10K	<b>FC</b>	
(Note: Stainless steel flanges provided as flat faced; Hastelloy flanges provided as raised face. Flange bolting patterns and facings dimensionally correspond to the applicable ASME B16.5, or EN 1092-1, or JIS B 2238 standard.)		
<b>Communication/Output</b>		
4 to 20 mA, HART®	<b>0</b>	
PROFIBUS PA	<b>1</b>	
<b>Enclosure/Cable inlet</b>		
<u>Aluminum, Epoxy painted</u>	<b>0</b>	
2 x ½" NPT	<b>1</b>	
2 x M20x1.5		
<b>Antenna</b>		
1½" horn <sup>3)</sup>	<b>A</b>	
2" horn (fits 2" ASME or DN 50 nozzles)	<b>B</b>	
3" horn (fits 3" ASME or DN 80 nozzles)	<b>C</b>	
4" horn (fits 4" ASME or DN 100 nozzles)	<b>D</b>	
1½" horn with 100 mm extension <sup>2)</sup>	<b>E</b>	
2" horn with 100 mm extension	<b>F</b>	
3" horn with 100 mm extension	<b>G</b>	
4" horn with 100 mm extension	<b>H</b>	
(Note: Please use largest horn size possible.)		
<b>Approvals</b>		
General Purpose, CE, CSA, FM, FCC, R&TTE, C-TICK	<b>A</b>	
CSA/FM Class I and II, Div. I, Groups A,B, C, D, E, F, G Intrinsically safe, barrier required, FCC, C-TICK	<b>B</b>	
ATEX II 1 GD EEx ia IIC T4, Intrinsically safe, barrier required, R&TTE, C-TICK, INMETRO	<b>C</b>	
CSA/FM Class I, Div. 2, Non-Incendive, no barrier required, FCC, C-TICK	<b>D</b>	
<b>Pressure rating</b>		
Rating per Pressure/Temperature curves in Manual	<b>0</b>	
0.5 bar (7.25 psi) maximum	<b>1</b>	

Selection and Ordering data		Order No.
<b>SITRANS LR250</b>	C) <b>7 ML 5 4 3 1 -</b>	
2-wire, 25 GHz pulse radar level transmitter for continuous monitoring of liquids and slurries in storage and process vessels including high temperature and pressure, to a range of 20 m (66 ft). Ideal for small vessels and low dielectric media.		
<b>Further designs</b>		Order code
Please add <b>“-Z”</b> to Order No. and specify Order code(s).		
Acceptance test certificate: Manufacturer's test certificate M to DIN 55350, Part 18 and to ISO 9000		<b>C11</b>
Inspection Certificate Type 3.1 per EN 10204		<b>C12</b>
Stainless steel tag [69 mm x 50 mm (2.71 x 1.97")]: Measuring-point number/identification (max. 27 characters) specify in plain text		<b>Y15</b>
<b>Instruction manual for HART/mA device</b>		Order No.
English	C) <b>7ML1998-5JE01</b>	
German	C) <b>7ML1998-5JE31</b>	
Note: The instruction manual should be ordered as a separate line item on the order.		
Multi-language Quick Start manual	C) <b>7ML1998-5QX81</b>	
This device is shipped with the Siemens Milltronics manual CD containing the complete ATEX Quick Start and instruction manual library.		
<b>Instruction manual for PROFIBUS device</b>		Order No.
English	C) <b>7ML1998-5JF01</b>	
German	C) <b>7ML1998-5JF31</b>	
Note: The instruction manual should be ordered as a separate line item on the order.		
Multi-language Quick Start manual	C) <b>7ML1998-5XE81</b>	
This device is shipped with the Siemens Milltronics manual CD containing the complete ATEX Quick Start and instruction manual library.		
<b>Accessories</b>		
Handheld programmer, Intrinsically Safe, EEx ia (LUI enabled)	C) <b>7ML1930-1BK</b>	
HART modem/RS-232 (for use with a PC and SIMATIC PDM)	D) <b>7MF4997-1DA</b>	
One metallic cable gland M20x1.5, rated -40 to +80 °C (-40 to +176 °F)	<b>7ML1930-1AP</b>	

1) Not available with process connection options AA to AF

2) For 1½" horn antennas only, max. range 10 m (32.8 ft), dk > 3

3) For 1½" threaded connection only, max. range 10 m (32.8 ft), dk > 3

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

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