

# Level Measurement

## Continuous level measurement – Radar transmitters

SITRANS LR260

Selection and Ordering data	Article No.	Selection and Ordering data	Order code
<b>SITRANS LR260</b> 2-wire, 25 GHz pulse radar level transmitter for continuous monitoring of solids to a range of 30 m (98.4 ft).	<b>7ML5427-</b> 0 ■ ■ ■ 0 - ■ ■ ■ ■	<b>Further designs</b> Please add "-Z" to Article No. and specify Order code(s).	
<b>Order handheld programmer separately process connection</b> Universal flat faced flange fits ANSI/DIN/JIS flanges, Easy Aimer with integral (Easy Aimer ball)		Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters); specify in plain text	<b>Y15</b>
2 inch/50 mm	<b>A</b>	Manufacturer's test certificate: M to DIN 55350, Part 18 and to ISO 9000	<b>C11</b>
3 inch/80 mm	<b>B</b>	Inspection Certificate Type 3.1 per EN 10204	<b>C12</b>
4 inch/100 mm	<b>C</b>		
6 inch/150 mm	<b>D</b>		
Threaded connection		<b>Operating Instructions for HART/mA device</b>	Article No.
2" NPT (ASME B1.20.1) (tapered thread) <sup>1)2)</sup>	<b>E</b>	English	<b>7ML1998-5KE31</b>
R 2" [(BSPT), EN 10226-1] (tapered thread) <sup>1)2)</sup>	<b>F</b>	German	<b>7ML1998-5KE03</b>
G 2" [(BSPT), EN ISO 228-1] (parallel thread) <sup>1)2)</sup>	<b>G</b>	Note: The Operating Instructions should be ordered as a separate line item on the order. Multi-language Quick Start manual This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Quick Start and Operating Instructions library.	<b>A5E32106122</b>
<b>Antenna</b>		<b>Operating Instructions for PROFIBUS PA device</b>	
2" Horn antenna, fits 50 mm or 2" nozzles	<b>A</b>	English	<b>7ML1998-5KF03</b>
2" Horn antenna with 100 mm extension	<b>B</b>	German	<b>7ML1998-5KF31</b>
2" Horn antenna with 200 mm extension	<b>C</b>	Note: The Operating Instructions should be ordered as a separate line item on the order. Multi-language Quick Start manual This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Quick Start and Operating Instructions library.	<b>A5E32114443</b>
2" Horn antenna with 500 mm extension <sup>1)3)</sup>	<b>D</b>		
2" Horn antenna with 1 000 mm extension <sup>1)3)</sup>	<b>E</b>		
3" Horn antenna, fits 80 mm or 3" nozzles	<b>F</b>		
3" Horn antenna with 100 mm extension	<b>G</b>		
3" Horn antenna with 200 mm extension	<b>H</b>		
3" Horn antenna with 500 mm extension <sup>1)3)</sup>	<b>J</b>		
3" Horn antenna with 1 000 mm extension <sup>1)3)</sup>	<b>K</b>		
4" Horn antenna, fits 100 mm or 4" nozzles	<b>L</b>		
4" Horn antenna with 100 mm extension	<b>M</b>		
4" Horn antenna with 200 mm extension	<b>N</b>		
4" Horn antenna with 500 mm extension <sup>1)3)</sup>	<b>P</b>		
4" Horn antenna with 1 000 mm extension <sup>1)3)</sup>	<b>Q</b>		
<b>Purge (self cleaning) connection</b>		<b>Accessories</b>	
No purge connection	<b>0</b>	One metallic cable gland M20x1.5, rated -40 ... +80 °C (-40 ... +176 °F), HART	<b>7ML1930-1AP</b>
Purge connection	<b>1</b>	One metallic cable gland M20x1.5, rated -40 ... +80 °C (-40 ... +176 °F), PROFIBUS PA	<b>7ML1930-1AQ</b>
<b>Output/communication</b>		Handheld programmer, Infrared, Intrinsically Safe	<b>7ML1930-1BK</b>
4 ... 20 mA, HART	<b>0</b>	Dust cap, PTFE, for 2 inch/50 mm horn	<b>7ML1930-1DE</b>
PROFIBUS PA	<b>1</b>	Dust cap, PTFE, for 3 inch/75 mm horn	<b>7ML1930-1BL</b>
<b>Cable inlet</b>		Dust cap, PTFE, for 4 inch/100 mm horn	<b>7ML1930-1BM</b>
2 x M20x1.5	<b>A</b>	HART modem/RS 232 (for use with a PC and SIMATIC PDM)	<b>7MF4997-1DA</b>
2 x ½" NPT	<b>B</b>	HART modem/USB (for use with a PC and SIMATIC PDM)	<b>7MF4997-1DB</b>
Note: Polymeric cable glands will be provided with M20 devices.		SITRANS RD100 Remote display - see Chapter 7	
<b>Approvals</b>		SITRANS RD200 Remote display - see Chapter 7	
General purpose, CSA <sub>USC</sub> , FM, Industry Canada, FCC, CE, R&TTE, C-TICK	<b>A</b>	SITRANS RD500 web, datalogging, alarming, ethernet, and modem support for instrumentation - see Chapter 7	<b>7ML5750-1AA00-0</b>
CSA/FM Class II, Div. I, Groups E, F, G, Class III, Industry Canada, FCC, C-TICK	<b>B</b>	For applicable back up point level switch - see point level section on page 4/9	
ATEX II 1D, 1/2D, 2D T100 °C, CE, R&TTE, C-TICK; INMETRO	<b>C</b>	Note: Products shipped with plastic cable gland, rated to -20 °C. If -40 °C rating required, then metallic cable gland is recommended.	
Non-incendive, CSA/FM Class I, Div. 2, Groups A, B, C, D, Industry Canada, FCC, C-TICK	<b>D</b>		
Intrinsically safe, IECEx/ATEX II 1 GD Ex ia IIC T4, Ex tD A20 IP67 T90C, R&TTE, C-TICK	<b>E</b>		
Intrinsically safe, CSA/FM Class I, II, III, Div. 1, Groups A, B, C, D, E, F, G, Industry Canada, FCC, C-TICK	<b>F</b>		
Intrinsically safe, South Africa ARP0108 Ex ia IIC T4 Ga	<b>G</b>		
<b>Pressure rating</b>			
Rating per Pressure/Temperature curves in manual	<b>0</b>		
0.5 bar g (7.25 psi g) maximum	<b>1</b>		