

Selection and Ordering data		Order No.
<b>SITRANS LR460</b>		C) <b>7ML 5 4 2 6 -</b>
4-wire, 24 GHz FMCW radar level transmitter with extremely high signal-to-noise ratio and advanced signal processing for continuous monitoring of solids up to 100 m (328 ft). It is ideal for measurement in extreme dust.		0 0 0 0
<b>Order handheld programmer separately!</b>		
<b>Process connection</b>		
<u>Universal, flat faced, 0.5 bar (7.25 psi) maximum with integral Easy Aimer ball</u>		
3" (80 mm)		A
4" (100 mm)		B
6" (150 mm)		C
<b>Antenna</b>		
3" horn antenna, fits 80 mm (3") nozzles		A
3" horn antenna, fits 80 mm (3") nozzles with 100 mm extension		B
3" horn antenna, fits 80 mm (3") nozzles with 200 mm extension		C
3" horn antenna, fits 80 mm (3") nozzles with 500 mm extension <sup>1)</sup>		D
3" horn antenna, fits 80 mm (3") nozzles with 1000 mm extension <sup>1)</sup>		E
4" horn antenna, fits 100 mm (4") nozzles		F
4" horn antenna, fits 100 mm (4") nozzles with 100 mm extension		G
4" horn antenna, fits 100 mm (4") nozzles with 200 mm extension		H
4" horn antenna, fits 100 mm (4") nozzles with 500 mm extension <sup>1)</sup>		J
4" horn antenna, fits 100 mm (4") nozzles with 1000 mm extension <sup>1)</sup>		K
<b>Purge (self-cleaning) connection</b>		
No purge connection		0
Purge connection		1
<b>Output/Communication</b>		
4 to 20 mA, HART®		0
PROFIBUS PA		1
<b>Power supply/cable inlet</b>		
100 to 230 V AC		
• 2 x M20x1.5		A
• 2 x ½" NPT		B
24 V DC		
• 2 x M20x1.5		C
• 2 x ½" NPT		D
<b>Approvals</b>		
General Purpose, CSAusic, Industry Canada, FCC, CE and R&TTE, C-TICK		A
CSA/FM Class II, Div. 1, Groups E, F, and G, Class III		B
ATEX II 1/2 D T6, CE, R&TTE		C
<b>Further designs</b>		Order code
Please add <b>"-Z"</b> to Order No. and specify Order code(s).		
Manufacturer's test certificate M to DIN 55350, Part 18 and to ISO 9000		<b>C11</b>
Stainless steel tag [69 mm x 50 mm (2.71 x 1.97")]: Measuring-point number/identification (max. 16 characters); specify in plain text		<b>Y15</b>

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<b>Instruction manual</b>		
English		C) <b>7ML1998-5JM02</b>
German		C) <b>7ML1998-5JM32</b>
Multi-language Quick Start manual		C) <b>7ML1998-5QW82</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, Infra-red, Intrinsically Safe, C) EEx ia		<b>7ML5830-2AJ</b>
Dust cap, PTFE, for 3"/80 mm horn		<b>7ML1930-1BL</b>
Dust cap, PTFE, for 4"/100 mm horn		<b>7ML1930-1BM</b>
HART modem/RS-232 (for use with a PC and SIMATIC PDM)		D) <b>7MF4997-1DA</b>
HART modem/USB (for use with a PC and SIMATIC PDM)		D) <b>7MF4997-1DB</b>
One metallic cable gland M20x1.5, rated -40 to +80 °C (-40 to +176 °F) (available for HART only - two cable glands required)		<b>7ML1930-1AP</b>
One metallic cable gland M20x1.5, rated -40 to +80 °C (-40 to +176 °F) with integrated shield connection (available for PROFIBUS PA)		<b>7ML1930-1AQ</b>
<sup>1)</sup> Available with Purge option 0 only		
C) Subject to export regulations AL: N, ECCN: EAR99		
D) Subject to export regulations AL: N, ECCN: EAR99H		

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<b>SITRANS LR460 Spare parts (7ML5426)</b>		
100 mm (4") horn extension kit	<b>A5E01087872</b>	
200 mm (8") horn extension kit	<b>A5E01091262</b>	
500 mm (16") horn extension kit	<b>A5E01091263</b>	
1000 mm (32") horn extension kit	<b>A5E01091264</b>	