

Selection and Ordering data		Article No.
SITRANS LR460		➤ 7ML5426-
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
Order handheld programmer separately		
➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.		
Process connection		
Universal, flat faced, 0.5 bar g (7.25 psi g) maximum with integral Easy Aimer ball		
3 inch (80 mm)		A
4 inch (100 mm)		B
6 inch (150 mm)		C
Antenna		
3" horn antenna, fits 80 mm (3 inch) nozzles		A
3" horn antenna, fits 80 mm (3 inch) nozzles with 100 mm extension		B
3" horn antenna, fits 80 mm (3 inch) nozzles with 200 mm extension		C
3" horn antenna, fits 80 mm (3 inch) nozzles with 500 mm extension ¹⁾		D
3" horn antenna, fits 80 mm (3 inch) nozzles with 1 000 mm extension ¹⁾		E
4" horn antenna, fits 100 mm (4 inch) nozzles		F
4" horn antenna, fits 100 mm (4 inch) nozzles with 100 mm extension		G
4" horn antenna, fits 100 mm (4 inch) nozzles with 200 mm extension		H
4" horn antenna, fits 100 mm (4 inch) nozzles with 500 mm extension ¹⁾		J
4" horn antenna, fits 100 mm (4 inch) nozzles with 1 000 mm extension ¹⁾		K
Purge (self-cleaning) connection		
No purge connection		0
Purge connection		1
Output/Communication		
4 ... 20 mA, HART		0
PROFIBUS PA		1
Power supply/cable inlet		
100 ... 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
Approvals		
General Purpose, CSA _{US/IC} , Industry Canada, FM, FCC, CE and R&TTE, RCM		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

¹⁾ Available with Purge option 0 only

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<i>Further designs</i>		
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
<i>Operating Instructions</i>		Article No.
English		7ML1998-5JM02
French		7ML1998-5JM11
German		7ML1998-5JM32
Multi-language Quick Start manual This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Quick Start and Operating Instructions library.		A5E32007360
<i>Accessories</i>		
Handheld programmer, Infra-red, Intrinsically Safe, EEx ia		7ML5830-2AJ
Dust cap, PTFE, for 3 inch/80 mm horn		7ML1930-1BL
Dust cap, PTFE, for 4 inch/100 mm horn		7ML1930-1BM
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), HART ¹⁾		7ML1930-1AP
One metallic cable gland M20x1.5, rated -40 ... +80 °C (-40 ... +176 °F), PROFIBUS PA ¹⁾		7ML1930-1AQ
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		

¹⁾ Product shipped with plastic cable gland, rated to -20 °C.
If -40 °C rating required, then metallic cable gland is recommended.