

Selection and Ordering data		Article No.			
SITRANS LR250 flanged encapsulated antenna ➤		7ML5432-			
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) (antenna dependant). Ideal for corrosive, aggressive and low dielectric media.		■ ■ ■ ■ 0 - ■ ■ ■ ■			
➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.					
Process Connection Material					
Stainless steel 1.4404/1.4435		0			
Process Connection Type					
Flanged Process Connection Types (stainless steel 1.4404/1.4435)					
2" Class 150 ASME B16.5 raised face ¹⁾		■ B F			
3" Class 150 ASME B16.5 raised face		■ B G			
4" Class 150 ASME B16.5 raised face		■ B H			
6" Class 150 ASME B16.5 raised face		■ B J			
50A 10K JIS B 2220 raised face ¹⁾		■ F D			
80A 10K JIS B 2220 raised face		■ F E			
100A 10K JIS B 2220 raised face		■ F F			
150A 10K JIS B 2220 raised face		■ F G			
DN 50 PN 10/16 EN 1092-1 type B1 raised face ¹⁾		■ G A			
DN 80 PN 10/16 EN 1092-1 type B1 raised face		■ G B			
DN 100 PN 10/16 EN 1092-1 type B1 raised face		■ G C			
DN 150 PN 10/16 EN 1092-1 type B1 raised face		■ G D			
Communication/Output					
PROFIBUS PA		■ 1			
4 ... 20 mA, HART, start-up at < 3.6 mA		■ 2			
FOUNDATION Fieldbus		■ 3			
Enclosure/Cable inlet					
Aluminum, Epoxy painted					
2 x ½" NPT		■ 0			
2 x M20x1.5		■ 1			
Antenna lens material					
TFM 1600 PTFE Flush Lens		■ A			
Approvals					
General Purpose, CE, CSA, FM, FCC, R&TTE, RCM		■ A			
Intrinsically Safe: CSA/FM Class I, Div. 1, Groups A, B, C, D, Class II, Div.1, Groups E, F, G, Class III T4 FCC, Industry Canada		■ B			
Intrinsically Safe: IECEx/ATEX II 1 G Ex ia IIC T4 Ga, IECEx/ATEX II 1D Ex ia ta IIIC T100 °C Da, INMETRO Ex ia IIC T4 Ga, Ex ia ta IIIC T100 °C Da, CE, R&TTE, RCM		■ C			
Non-incendive: CSA/FM Class I, Div. 2, Groups A, B, C, D T5, FCC, Industry Canada		■ D			
Non Sparking: ATEX II 3G Ex nA IIC T4 Gc, CE, R&TTE, RCM		■ E			
Increased Safety: IECEx/ATEX II 1/2 GD, 1D, 2D Ex e mb ia IIC T4 Ga/Gb, Ex ia ta IIIC T100 °C Da, INMETRO Ex e ia mb IIC T4 Ga/Gb, Ex ia ta IIIC T100 °C Da, CE, R&TTE, RCM ²⁾		■ F			
Flameproof: IECEx/ATEX II 1/2 GD 1D, 2D Ex d mb ia IIC T4 Ga/Gb, Ex ia ta IIIC T100 °C Da, INMETRO Ex d ia mb IIC T4 Ga/Gb, Ex ia ta IIIC T100 °C Da, CE, R&TTE, RCM ²⁾		■ G			
Explosion proof: CSA/FM Class I, II and III, Div. 1, Groups A, B, C, D, E, F, G, FCC, Industry Canada ²⁾		■ H			
Non Sparking: NEPSI Ex nA IIC T4 Gc		■ K			
Intrinsically Safe: NEPSI Ex ia IIC T4 Ga, Ex iaD 20 T90 IP67 DIP A20 T _A 90 °C		■ L			
Flameproof: NEPSI Ex d ia mb IIC T4 Ga/Gb, Ex iaD 20 T90 IP67 DIP A20 T _A 90 °C ²⁾		■ M			
Increased Safety: NEPSI Ex e ia mb IIC T4 Ga/Gb, Ex iaD 20 T90 IP67 DIP A20 T _A 90 °C ²⁾		■ N			
Pressure rating					
Rating per Pressure/Temperature curves in instruction manual		■ 0			

1) Maximum range 10 m (32.8 ft), dk > 3 [20 m (66 ft)] and dk > 1.6 when mounted in stillpipe]

2) Applicable with communication option 2 only

■ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ■. For details see page 9/5 in the appendix.

Selection and Ordering data		Order code	Selection and Ordering data		Article No.
Further designs			Operating Instructions for FOUNDATION Fieldbus device		
Please add "-Z" to Article No. and specify Order code(s).			English		A5E32221411
Plug M12 with mating Connector ¹⁾²⁾³⁾		➤ A50	German		A5E32376112
Plug 7/8" with mating Connector ²⁾³⁾⁴⁾		➤ A55	French		A5E35108601
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	Note: The Operating Instructions should be ordered as a separate line item on the order.		
Manufacturer's test certificate: M to DIN 55350, Part 18 and to ISO 9000		➤ C11	Compact Operating Instructions for FOUNDATION Fieldbus device		
Inspection Certificate Type 3.1 per EN 10204		➤ C12	English, French, German, Spanish, Italian, Dutch, Danish, Finnish, Greek, Portuguese (Portugal), Swedish		A5E33472700
Functional Safety (SIL 2). Device suitable for use in accordance with IEC 61508 and IEC 61511 ⁵⁾⁶⁾		➤ C20	English, Bulgarian, Czech, Estonian, Hungarian, Latvian, Lithuanian, Polish, Romanian, Slovakian, Slovenian		A5E33472738
Namur NE43 compliant, device preset to failsafe < 3.6 mA ⁵⁾		➤ N07	English, Portuguese (Brazil), Chinese		A5E34046626
Operating Instructions for HART/mA device		Article No.	This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Compact Operating Instructions and Operating Instructions library.		
English		A5E32220602	Accessories		
German		A5E32376088	Handheld programmer, Intrinsically safe, EEx ia HART modem/USB (for use with a PC and SIMATIC PDM)		7ML1930-1BK 7MF4997-1DB
French		A5E35108592	One metallic cable gland M20x1.5, rated -40 ... +80 °C (-40 ... +176 °F), HART (2 are required) ⁶⁾		7ML1930-1AP
Note: The Operating Instructions should be ordered as a separate line item on the order.			One metallic cable gland M20x1.5, rated -40 ... +80 °C (-40 ... +176 °F), PROFIBUS PA and FOUNDATION Fieldbus (2 are required) ²⁾		7ML1930-1AQ
Compact Operating Instructions for HART/mA device			SITRANS RD100, loop powered display - see Chapter 7		7ML5741-...
English, French, German, Spanish, Italian, Dutch, Danish, Finnish, Greek, Portuguese (Portugal), Swedish		A5E33469191	SITRANS RD200, universal input display with Modbus conversion - see Chapter 7		7ML5740-...
English, Bulgarian, Czech, Estonian, Hungarian, Latvian, Lithuanian, Polish, Romanian, Slovakian, Slovenian		A5E33469171	SITRANS RD300, dual line display with totalizer and linearization curve and Modbus conversion - see Chapter 7		7ML5744-...
English, Portuguese (Brazil), Chinese		A5E34046583	SITRANS RD500 web, universal remote monitoring solution for instrumentation - see Chapter 7		7ML5750-...
This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Compact Operating Instructions and Operating Instructions library.			For applicable back up point level switch - see point level measurement section		
Operating Instructions for PROFIBUS PA device			¹⁾ Available with enclosure option 1 only ²⁾ Available with communication options 1 and 3 only ³⁾ Available with approval options A, B, C, and L only ⁴⁾ Available with enclosure option 0 only ⁵⁾ Applicable with communication option 2 only ⁶⁾ Available with approval options A, B, C, D, E, K, and L only ➤ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol  . For details see page 9/5 in the appendix.		
English		A5E32221386			
German		A5E32376094			
French		A5E35108597			
Note: The Operating Instructions should be ordered as a separate line item on the order.					
Compact Operating Instructions for PROFIBUS PA device					
English, French, German, Spanish, Italian, Dutch, Danish, Finnish, Greek, Portuguese (Portugal), Swedish		A5E33469239			
English, Bulgarian, Czech, Estonian, Hungarian, Latvian, Lithuanian, Polish, Romanian, Slovakian, Slovenian		A5E33472685			
English, Portuguese (Brazil), Chinese		A5E34046624			
This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Compact Operating Instructions and Operating Instructions library.					