

Product Configuration 2001/2002

SITRANS LR 400

Product designation	Order No.																																								
SITRANS LR 400 This device uses advanced FMCW radar technology to provide reliable level measurement on liquids and solids.	7ML5421 - <table border="1" style="display: inline-table; vertical-align: middle;"> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td><td>↑</td></tr> <tr><td>0</td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td>1</td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>											↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	0										1									
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<u>Process temperature range</u> -40C to +140C, standard -40C to +250C, high temperature extension	0 1																																								
<u>Process Connection</u> DN80 PN16, flat faced DN80 PN40, flat faced DN100 PN16, flat faced DN100 PN40, flat faced DN150 PN16, flat faced DN150 PN40, flat faced 3 inch, 150 lb class, raised faced 3 inch, 300 lb class, raised faced 4 inch, 150 lb class, raised faced 4 inch, 300 lb class, raised faced 6 inch, 150 lb class, raised faced 6 inch, 300 lb class, raised faced JIS DN80 10K, flat faced JIS DN100 10K, flat faced JIS DN 150 10K, flat faced	S C T G U L E F J K N P Q R V																																								
<u>Antenna</u> Horn antenna, long, 93mm dia. for 100mm or 4" nozzles Horn antenna, short, 74mm dia. for 80mm or 3" nozzles	D K																																								
<u>Process Seal / Gasket</u> PTFE (Teflon) for -40C to +250C flange temperatures FFKM (Kalrez) for -15C to +230C flange temperatures FKM (Viton) for -20C to +200C flange temperatures	1 2 3																																								
<u>Output / communication</u> 4 to 20 mA, HART Profibus PA	0 1																																								
<u>Power supply / cable inlet</u> 120 to 230 VAC, 2 x M20x1.5 120 to 230 VAC, 2 x 1/2" NPT 24 VDC, 2 x M20x1.5 24 VDC, 2 x 1/2" NPT	B C E F																																								
<u>Area classification</u> general purpose, CE, BZT general purpose, CSA _{US/C} , Industry Canada, FCC, R&TTE, see Note 2 ATEX II 2G EEx d IIC T6; CE, R&TTE, see Note 2 ATEX II 2G EEx dem IIC T6; CE, R&TTE, see Note 2 ATEX II 2G EEx dem [ia] IIC T6; CE, R&TTE see Note 1 ATEX II 1/2G D EEx d IIC T6; Zone 0; Zone 20; CE, R&TTE, glass window, see Note 2 ATEX II 1/2G D EEx dem IIC T6; Zone 0; Zone 20; CE, R&TTE, glass window, see Note 2 ATEX II 1/2G D EEx dem [ia] IIC T6; Zone 0; Zone 20; CE, R&TTE, glass window, see Note 1 & 2 ATEX II 2G EEx d IIC T6; CE, BZT ATEX II 2G EEx dem IIC T6; CE, BZT ATEX II 2G EEx dem [ia] IIC T6; CE, BZT see Note 1 ATEX II 1/2G D EEx d IIC T6; Zone 0; Zone 20; CE, BZT, glass window ATEX II 1/2G D EEx dem IIC T6; Zone 0; Zone 20; CE, BZT, glass window ATEX II 1/2G D EEx dem [ia] IIC T6; Zone 0; Zone 20; CE, BZT, glass window, see Note 1 Note 1: available only with power supply option E or F Note 2: Germany and Belgium to use these units all other European countries use BZT approved units	A B E F G J K L M N P Q R S																																								
<u>Local operation</u> operating module (display) included	1																																								

Instruction Manual	Order number
English	7ML1998-5FH02
French	7ML1998-5FH12
Spanish	7ML1998-5FH21
German	7ML1998-5FH32

Note: The instruction manual should be ordered with the SITRANS LR 400 as a separate line on the order.

Additional Instruction Manual	Order number
Quick start guide, multi-language	7ML1998-5QN81

Note: due to ATEX regulations one Quick start guide is included with every product

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Optional Equipment

Long horn dust cover, PTFE
short horn dust cover, PTFE

Order number

PBD-51035222
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