

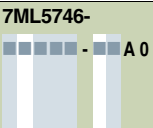
Selection and Ordering data	Article No.
<b>SITRANS LVL200, Standard</b> Compact vibrating level switch for material detection in liquid and slurry applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.	<b>7ML5746-</b> A 0
↗ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.	

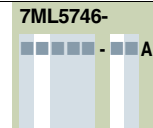
Electronics	
Contactless electronic switch 20 ... 250 V AC/DC <sup>11)</sup>	1
Double relay (DPDT) 20 ... 72 V DC/20 ... 250 V AC NAMUR signal <sup>1)11)</sup>	2
	4
Transistor (NPN/PNP) 10 ... 55 V DC	5

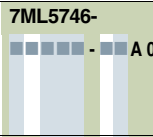
Approvals	
Without approvals <sup>12)</sup>	A
Overfill protection (WHG)	B
ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + WHG <sup>8)</sup>	C
ATEX II 1/2G, 2G Ex d IIC T6 + WHG <sup>5)</sup>	D
ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + shipping approvals <sup>8)</sup>	E
ATEX II 1/2G, 2G Ex d IIC T6 + shipping approvals <sup>5)</sup>	F
ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + ATEX II 1/2 D IP6X T <sup>8)9)</sup>	G
IECEX Ex ia IIC T6 <sup>8)</sup>	H
Shipping approvals	K
ATEX II 3G Ex nA II T5...T1 X	L
FM (IS) Class I, II, III, Div. 1, Groups A, B, C, D, E, F, G <sup>2)8)</sup>	N
FM (XP) Class I, Div. 1, Groups A, B, C, D; (DIP) Class II, III, Div. 1, Groups E, F, G <sup>2)5)13)</sup>	P
FM (NI) Class I, Div. 2, Groups A, B, C, D <sup>2)</sup>	Q
IECEX d IIC T6...T2 Ga/Gb <sup>5)</sup>	R
CSA(XP)Class I, II, III Div. 1, Groups A, B, C, D, E, F, G <sup>5)</sup>	S
CSA(NI)Class I, II, III, Div. 2, Groups A, B, C, D, E, F, G	T
BR-Ex d IIC T6...T2 <sup>5)</sup>	U
CSA, (IS) Class I, II, III Div. 1, Groups A, B, C, D, E, F, G <sup>8)</sup>	V

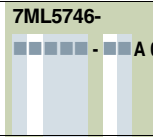
Process connection	
Thread G <sup>3</sup> / <sub>4</sub> " A, PN 64/316L	A 0 0
Thread G <sup>3</sup> / <sub>4</sub> " A, PN 64/316L Ra < 0.8 µm	A 0 1
Thread <sup>3</sup> / <sub>4</sub> " NPT, PN 64/316L	A 0 2
Thread <sup>3</sup> / <sub>4</sub> " NPT, PN 64/316L Ra < 0.8 µm	A 0 3
Thread <sup>3</sup> / <sub>4</sub> " NPT, PN 64/Alloy 400 (2.4360)	A 0 4
Thread G <sup>3</sup> / <sub>4</sub> " A, PN 64/Alloy C22 (2.4602)	A 0 5
Thread <sup>3</sup> / <sub>4</sub> " NPT, PN 64/Alloy C22 (2.4602)	A 0 6
Thread G1" A, PN 64/316L	A 0 7
Thread G1" A, PN 64/316L ECTFE coated MB1982 <sup>4)</sup>	A 0 8
Thread G1" A, PN 64/ 316L PFA coated <sup>4)</sup>	A 1 0
Thread G1" A, PN 64/ Alloy 400 (2.4360)	A 1 1
Thread G1" A, PN 64/ 316L Ra < 0.8 µm	A 1 2
Thread 1" NPT, PN 64/ 316L	A 1 3
Thread 1" NPT, PN 64/ 316L ECTFE coated MB1982 <sup>4)</sup>	A 1 4
Thread 1" NPT, PN 64 / 316L PFA-coated <sup>4)</sup>	A 1 5
Thread 1" NPT, PN 64 / Alloy 400 (2.4360)	A 1 6
Thread 1" NPT, PN 64 / 316L Ra < 0.8 µm	A 1 7
Thread G1" A, PN 64 / Alloy C22 (2.4602)	A 1 8
Thread G1" A, PN 64/Alloy C22 (2.4602) Ra < 0.3 µm	A 2 0
Thread G1 <sup>1</sup> / <sub>2</sub> " A, PN 64/316L	A 2 1
Thread G1 <sup>1</sup> / <sub>2</sub> " A, PN 64/316L Ra < 0.8 µm	A 2 2
Thread G1 <sup>1</sup> / <sub>2</sub> " A, PN 64/Alloy C22 (2.4602)	A 2 3
Thread 1" NPT, PN 64/Alloy C22 (2.4602)	A 2 4
Thread 1 <sup>1</sup> / <sub>2</sub> " NPT, PN 64/316L	A 2 5
Thread 1 <sup>1</sup> / <sub>2</sub> " NPT, PN 64/316L Ra < 0.8 µm	A 2 6

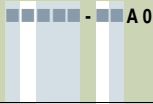
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Thread 1 <sup>1</sup> / <sub>2</sub> " NPT, PN 64/Alloy C22 (2.4602)	A 2 7
Thread G2" A, PN 64/316L	A 2 8
Thread M27 x 1.5, PN 64/316L	A 3 0
Conus DN 25, PN 40/316L Ra < 0.3 µm	A 3 1
Conus DN 25, PN 40/316L Ra < 0.8 µm	A 3 2
Conus DN 25, PN 40/ECTFE (ZB3033) <sup>4)</sup>	A 3 3
Conus M52, PN 40/316L	A 3 4
Conus M52, PN 40/316L Ra < 0.3 µm	A 3 5
Conus M52, PN 40/316L Ra < 0.8 µm	A 3 6
Tri-Clamp 1", PN 16/316L Ra < 0.3 µm	A 3 7
Tri-Clamp 1", PN 16/Alloy C22 (2.4602)	A 3 8
Tri-Clamp 1", PN 16/316L Ra < 0.8 µm	A 4 0
Tri-Clamp 1 <sup>1</sup> / <sub>2</sub> ", PN 16/316L Ra < 0.3 µm	A 4 1
Tri-Clamp 1 <sup>1</sup> / <sub>2</sub> ", PN 16/Alloy C22 (2.4602)	A 4 2
Tri-Clamp 1 <sup>1</sup> / <sub>2</sub> ", PN 16/316L Ra < 0.8 µm	A 4 3
Tri-Clamp 2", PN 16/316L Ra < 0.3 µm	A 4 4
Tri-Clamp 2", PN 16/Alloy C22 (2.4602)	A 4 5
Tri-Clamp 2", PN 16/316L Ra < 0.8 µm	A 4 6
Tri-Clamp 2 <sup>1</sup> / <sub>2</sub> ", PN 10/316L Ra < 0.3 µm	A 4 7
Tri-Clamp 2 <sup>1</sup> / <sub>2</sub> ", PN 10/316L Ra < 0.8 µm	A 4 8
Tri-Clamp 3", PN 10/316L Ra < 0.3 µm	A 5 0
Tri-Clamp 3", PN 10/316L Ra < 0.8 µm	A 5 1
Bolting DN 32, PN 40 DIN11851/316L Ra < 0.3 µm	A 5 2
Bolting DN 32, PN 40 DIN11851/316L Ra < 0.8 µm	A 5 3
Bolting DN 25, PN 40 DIN11851/316L Ra < 0.3 µm	A 5 4
Bolting DN 25, PN 40 DIN11851/316L Ra < 0.8 µm	A 5 5
Bolting DN 40, PN 40 DIN11851/316L Ra < 0.3 µm	A 5 6
Bolting DN 40, PN 40 DIN11851/316L Ra < 0.8 µm	A 5 7
Bolting DN 40, PN 40 DIN11864-1 A/316L Ra < 0.8 µm ZB3052	A 5 8
Bolting DN 50, PN 25 DIN11851/316L Ra < 0.3 µm	A 6 0
Bolting DN 50, PN 25 DIN11851/316L Ra < 0.8 µm	A 6 1
Bolting DN 50, PN 25 DIN11864-1 A/316L Ra < 0.8 µm ZB3052	A 6 2
Hygienic w. compr. nut F40, PN 25/316L	A 6 3
Hygienic w. compr. nut F40, PN 25/316L Ra < 0.3 µm	A 6 4
Hygienic w. compr. nut F40, PN 25/316L Ra < 0.8 µm	A 6 5
Varivent N50-40/316L Ra < 0.3 µm	A 6 6
Varivent N50-40/316L Ra < 0.8 µm	A 6 7
Varivent N125/100/316L Ra < 0.8 µm	A 6 8
DRD flange, PN 40/316L ZB3007	A 7 0
SMS DN 38/316L Ra < 0.8 µm <sup>4)</sup>	A 7 1
SMS DN 51, PN 6/316L Ra < 0.8 µm <sup>4)</sup>	A 7 2
Swagelok VCR screwing ZG2579, PN 64/316L	A 7 3
Neumo biocontrol size 25, PN 16/316L Ra < 0.8 µm	A 7 4
Neumo biocontrol size 50, PN 16/316L Ra < 0.8 µm <sup>4)</sup>	A 7 5
Neumo biocontrol size 65, PN 16/316L Ra < 0.8 µm	A 7 6
Neumo biocontrol size 80, PN 16/316L Ra < 0.8 µm	A 7 7
SÜDMO DN 50, PN 10/316L Ra<0,8µm	A 7 8
Small flange DN 25, PN 1.5 DIN 28403/316L pol. Ra < 0.8 µm	A 8 0
Small flange DN 40, PN 1.5 DIN 28403/316L pol. Ra < 0.8 µm	A 8 1
Ingold connection, PN16 / 316L Ra < 0.8 µm (acc. to MB2523)	A 8 2
Ingold connection, PN 16/Alloy C22 (2.4602)	A 8 3
Terminal DN 33.7 PN 40 DIN11864-3-A-/316L BN2 Ra < 0.8 µm <sup>4)</sup>	A 8 4
Hygienic fl. DN 50 PN 16 DIN11864-2-A-/316L Ra < 0.8 µm	A 8 5

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Flange DN 25, PN 6 Form C, DIN 2501/316L	<b>A 8 6</b>
Flange DN 25, PN 6 Form C, DIN 2501/PFA <sup>4)</sup>	<b>A 8 7</b>
Flange DN 25, PN 40 Form C, DIN 2501/316L	<b>A 8 8</b>
Flange DN 25, PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 0 0</b>
Flange DN 25, PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 0 1</b>
Flange DN 25, PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 0 2</b>
Flange DN 25, PN 40 Form C, DIN 2501/Enamelled	<b>B 0 3</b>
Flange DN 25, PN 40 Form D, DIN 2501/316L	<b>B 0 4</b>
Flange DN 25, PN 40 Form F, DIN 2501/316L	<b>B 0 5</b>
Flange DN 25, PN 40 Form N, DIN 2501/316L	<b>B 0 6</b>
Flange DN 25, PN 40 Form N, DIN 2501/ Alloy C22 (2.4602)	<b>B 0 7</b>
Flange DN 25, PN 40 Form N, DIN 2501/ Alloy 400 (2.4360) solid	<b>B 0 8</b>
Flange DN 25, PN 40 V13, DIN 2501/316L	<b>B 1 0</b>
Flange DN 32, PN 40 Form C, DIN 2501/316L	<b>B 1 1</b>
Flange DN 32, PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 1 2</b>
Flange DN 40, PN 6 Form C, DIN 2501/316L	<b>B 1 3</b>
Flange DN 40, PN 6 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 1 4</b>
Flange DN 40, PN 40 Form C, DIN 2501/316L	<b>B 1 5</b>
Flange DN 40, PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 1 6</b>
Flange DN 40, PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 1 7</b>
Flange DN 40, PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 1 8</b>
Flange DN 40, PN 40 Form C, DIN 2501/ Enamelled <sup>3)</sup>	<b>B 2 0</b>
Flange DN 40, PN 40 Form F, DIN 2501/316L	<b>B 2 1</b>
Flange DN 40, PN 40 Form N, DIN 2501/316L	<b>B 2 2</b>
Flange DN 40, PN 40 Form E, DIN 2501/316L	<b>B 2 3</b>
Flange DN 40, PN 40 V13, DIN 2501/316L	<b>B 2 4</b>
Flange DN 50, PN 40 Form C, DIN 2501/316L	<b>B 2 5</b>
Flange DN 50, PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 2 6</b>
Flange DN 50, PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 2 7</b>
Flange DN 50, PN 40 Form C, DIN 2501/ ECTFE (ZB3108) <sup>4)</sup>	<b>B 2 8</b>
Flange DN 50, PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 3 0</b>
Flange DN 50, PN 40 Form D, DIN 2501/316L	<b>B 3 1</b>
Flange DN 50, PN 40 Form D, DIN 2501/ Alloy C22 (2.4602)	<b>B 3 2</b>
Flange DN 50, PN 40 Form F, DIN 2501/316L	<b>B 3 3</b>
Flange DN 50, PN 40 Form N, DIN 2501/316L	<b>B 3 4</b>
Flange DN 50, PN 40 Form N, DIN 2501/ Alloy C22 (2.4602)	<b>B 3 5</b>
Flange DN 50, PN 40 Form E, DIN 2501/316L	<b>B 3 6</b>
Flange DN 50, PN 40 V13, DIN 2501/316L	<b>B 3 7</b>
Flange DN 50, PN 40 R13, DIN 2501/316L	<b>B 3 8</b>
Flange DN 50, PN 64 Form F, DIN 2501/316L	<b>B 4 0</b>
Flange DN 50, PN 64 Form N, DIN 2501/ Alloy C22 (2.4602)	<b>B 4 1</b>
Flange DN 50, PN 64 Form C, DIN 2501/316L	<b>B 4 2</b>
Flange DN 50, PN 64 Form L, DIN 2501/316L	<b>B 4 3</b>
Flange DN 50, PN 100 Form E, DIN 2501/316L	<b>B 4 4</b>
Flange DN 50, PN 100 Form L, DIN 2501/316L	<b>B 4 5</b>
Flange DN 65, PN 40 Form C, DIN 2501/316L	<b>B 4 6</b>
Flange DN 65, PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 4 7</b>
Flange DN 65, PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 4 8</b>
Flange DN 65, PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 5 0</b>
Flange DN 65, PN 40 Form F, DIN 2501/316L	<b>B 5 1</b>

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Flange DN 65, PN 64 Form E, DIN 2501/316L	<b>B 5 2</b>
Flange DN 80, PN 40 Form C, DIN 2501/316L	<b>B 5 3</b>
Flange DN 80, PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 5 4</b>
Flange DN 80, PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 5 5</b>
Flange DN 80, PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 5 6</b>
Flange DN 80, PN 40 Form C, DIN 2501/ Enamelled <sup>3)</sup>	<b>B 5 7</b>
Flange DN 80, PN 40 Form F, DIN 2501/316L	<b>B 5 8</b>
Flange DN 80, PN 40 Form N, DIN 2501/316L	<b>B 6 0</b>
Flange DN 100, PN 16 Form C, DIN 2501/316L	<b>B 6 2</b>
Flange DN 100, PN 16 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 6 3</b>
Flange DN 100, PN 16 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 6 4</b>
Flange DN 100, PN 16 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 6 5</b>
Flange DN 100, PN 16 Form C, DIN 2501/ Enamelled <sup>3)</sup>	<b>B 6 6</b>
Flange DN 100, PN 16 Form D, DIN 2501/316L	<b>B 6 7</b>
Flange DN 100, PN 16 Form F, DIN 2501/316L	<b>B 6 8</b>
Flange DN 100, PN 16 Form N, DIN 2501/316L	<b>B 7 0</b>
Flange DN 100, PN 40 Form C, DIN 2501/316L	<b>B 7 1</b>
Flange DN 100, PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 7 2</b>
Flange DN 100, PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 7 3</b>
Flange DN 100, PN 40 Form C, DIN 2501/ Enamelled <sup>3)</sup>	<b>B 7 4</b>
Flange DN 100, PN 40 Form F, DIN 2501/316L	<b>B 7 5</b>
Flange DN 100, PN 40 Form N, DIN 2501/316L	<b>B 7 6</b>
Flange DN 100, PN 40 V13, DIN 2501/316L	<b>B 7 7</b>
Flange DN 100, PN 64 Form E, DIN 2501/316L	<b>B 7 8</b>
Flange DN 100, PN 100 Form E, DIN 2501/316L	<b>B 8 0</b>
Flange DN 100, PN 100 Form L, DIN 2501/316L	<b>B 8 1</b>
Flange DN 125, PN 16 Form F, DIN 2501/316L	<b>B 8 2</b>
Flange DN 125, PN 40 Form C, DIN 2501/316L	<b>B 8 3</b>
Flange DN 125, PN 40 Form N, DIN 2512/ 316L	<b>B 8 4</b>
Flange DN 150, PN 16 Form C, DIN 2501/316L	<b>B 8 5</b>
Flange DN 150, PN 16 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 8 6</b>
Flange DN 150, PN 16 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 8 7</b>
Flange DN 150, PN 16 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 8 8</b>
Flange DN 150, PN 16 Form D, DIN 2501/316L	<b>C 0 0</b>
Flange DN 150, PN 40 Form C, DIN 2501/316L	<b>C 0 1</b>
Flange DN 150, PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>C 0 2</b>
Flange DN 150, PN 40 Form F, DIN 2501/316L	<b>C 0 3</b>
Flange DN 150, PN 40 Form N, DIN 2512/316L	<b>C 0 4</b>
Flange DN 200, PN 10 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>C 0 5</b>
Flange DN 200, PN 16 Form C, DIN 2501/316L	<b>C 0 6</b>
Flange DN 25, PN 40 Form B1, EN 1092-1/316L	<b>C 0 7</b>
Flange DN 25, PN 40 Form B1, EN 1092-1/ Alloy C22 (2.4602)	<b>C 0 8</b>
Flange DN 25, PN 40 Form B1, EN/ 316L/ PFA <sup>4)</sup>	<b>C 1 0</b>
Flange DN 25, PN 40 Form B1, EN 1092-1/ Enamelled <sup>3)</sup>	<b>C 1 1</b>
Flange DN 25, PN 40 Form B2, EN 1092-1/316L	<b>C 1 2</b>
Flange DN 25, PN 40 Form F, EN 1092-1/316L	<b>C 1 3</b>
Flange DN 25, PN 63 Form B1, EN 1092-1/316L	<b>C 1 4</b>
Flange DN 25, PN 100 Form B2, EN 1092-1/316L	<b>C 1 5</b>
Flange DN 40, PN 40 Form B1, EN/ 316L	<b>C 1 6</b>
Flange DN 40, PN 40 Form B1, EN 1092-1/PFA <sup>4)</sup>	<b>C 1 7</b>
Flange DN 40, PN 40 Form B2, EN/316L	<b>C 1 8</b>
Flange DN 50, PN 40 Form B1, EN/316L	<b>C 2 0</b>

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Flange DN 50, PN 40 Form B1, EN 1092-1/Alloy C22 (2.4602)	<b>C 2 1</b>
Flange DN 50, PN 40 Form B1, EN 1092-1/Alloy 400 (2.4360) ZB2977	<b>C 2 2</b>
Flange DN 50, PN 40 Form B1, EN 1092-1/ECTFE <sup>4</sup>	<b>C 2 3</b>
Flange DN 50, PN 40 Form B1, EN/ 316L/PFA <sup>4</sup>	<b>C 2 4</b>
Flange DN 50, PN 40 Form B1, EN 1092-1/Enamelled <sup>3</sup>	<b>C 2 5</b>
Flange DN 50, PN 40 Form C, EN 1092-1/316L	<b>C 2 6</b>
Flange DN 50, PN 40 Form D, EN/316L	<b>C 2 7</b>
Flange DN 50, PN 40 Form D, EN 1092-1/Alloy C22 (2.4602)	<b>C 2 8</b>
Flange DN 50, PN 40 Form B2, EN 1092-1/316L	<b>C 3 0</b>
Flange DN 50, PN 40 Form E, EN 1092-1/316L	<b>C 3 1</b>
Flange DN 80, PN 40 Form B1, EN 1092-1/316L	<b>C 3 2</b>
Flange DN 80, PN 40 Form B1, EN 1092-1/Alloy C22 (2.4602)	<b>C 3 3</b>
Flange DN 80, PN 40 Form B1, EN 1092-1/ECTFE <sup>4</sup>	<b>C 3 4</b>
Flange DN 80, PN 40 Form B1, EN 1092-1/Enamelled <sup>3</sup>	<b>C 3 5</b>
Flange DN 80, PN 40 Form B2, EN 1092-1/316L	<b>C 3 6</b>
Flange DN 100, PN 16 Form B1, EN 1092-1/316L	<b>C 3 7</b>
Flange DN 100, PN 16 Form B1, EN 1092-1/Alloy C22 (2.4602)	<b>C 3 8</b>
Flange DN 100, PN 16 Form B1, EN 1092-1/Enamelled <sup>3</sup>	<b>C 4 0</b>
Flange DN 100, PN 40 Form B1, EN 1092-1/316L	<b>C 4 1</b>
Flange DN 100, PN 40 Form B1, EN 1092-1/Enamelled <sup>3</sup>	<b>C 4 2</b>
Flange DN 100, PN 40 Form C, EN 1092-1/316L	<b>C 4 3</b>
Flange DN 100, PN 63 Form B2, EN 1092-1/316L	<b>C 4 4</b>
Flange DN 150, PN 16 Form B1, EN 1092-1/316L	<b>C 4 5</b>
Flange DN 150, PN 16 Form B1, EN 1092-1/PFA <sup>4</sup>	<b>C 4 6</b>
Flange DN 150, PN 40 Form B1, EN 1092-1/316L	<b>C 4 7</b>
Flange DN 150, PN 40 Form B1, EN 1092-1/ECTFE <sup>4</sup>	<b>C 4 8</b>
Flange DN 150, PN 40 Form B2, EN 1092-1/316L	<b>C 5 0</b>
Flange 1" 150 lb ANSI B16.5/316L	<b>C 5 1</b>
Flange 1" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 5 2</b>
Flange 1" 150 lb RF, ANSI B16.5/Alloy 400 (2.4360) ZB2977	<b>C 5 3</b>
Flange 1" 150 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>C 5 4</b>
Flange 1" 150 lb RF, ANSI B16.5/PFA <sup>4</sup>	<b>C 5 5</b>
Flange 1" 150 lb RF, ANSI B16.5/Enamelled <sup>3</sup>	<b>C 5 6</b>
Flange 1" 300 lb RF, ANSI B16.5/316L	<b>C 5 7</b>
Flange 1" 300 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>C 5 8</b>
Flange 1" 600 lb RF, ANSI B16.5/316L	<b>C 6 0</b>
Flange 1½" 150 lb RF, ANSI B16.5/316L	<b>C 6 1</b>
Flange 1½" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 6 2</b>
Flange 1½" 150 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>C 6 3</b>
Flange 1½" 150 lb RF, ANSI B16.5/PFA <sup>4</sup>	<b>C 6 4</b>
Flange 1½" 150 lb RF, ANSI B16.5 Enamelled <sup>3</sup>	<b>C 6 5</b>
Flange 1½" 150 lb FF, ANSI B16.5/ECTFE <sup>4</sup>	<b>C 6 6</b>
Flange 1½" 300 lb RF, ANSI B16.5/316L	<b>C 6 7</b>
Flange 1½" 300 lb RF, ANSI B16.5/Alloy 400 (2.4360) ZB2977	<b>C 6 8</b>
Flange 1½" 300 lb RF, ANSI B16.5/ECTFE <sup>3</sup>	<b>C 7 0</b>
Flange 1½" 600 lb RF, ANSI B16.5/316L	<b>C 7 1</b>
Flange 2" 150 lb RF, ANSI B16.5/316L	<b>C 7 2</b>
Flange 2" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 7 3</b>

Selection and Ordering data	Article No.
<b>SITRANS LVL200, Standard</b> Compact vibrating level switch for material detection in liquid and slurry applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.	<b>7ML5746-</b>  <b>A 0</b>
Flange 2" 150 lb RF, ANSI B16.5/Alloy 400 (2.4360) ZB2977	<b>C 7 4</b>
Flange 2" 150 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>C 7 5</b>
Flange 2" 150 lb RF, ANSI B16.5/PFA <sup>4</sup>	<b>C 7 6</b>
Flange 2" 150 lb RF, ANSI B16.5/Enamelled <sup>3</sup>	<b>C 7 7</b>
Flange 2" 150 lb FF, ANSI B16.5/316L	<b>C 7 8</b>
Flange 2" 150 lb FF, ANSI B16.5/ECTFE <sup>4</sup>	<b>C 8 0</b>
Flange 2" 150 lb SG (small groove), ANSI B16.5/316L	<b>C 8 1</b>
Flange 2" 300 lb RF, ANSI B16.5/316L	<b>C 8 2</b>
Flange 2" 300 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 8 3</b>
Flange 2" 300 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>C 8 5</b>
Flange 2" 300 lb RF, ANSI B16.5/PFA <sup>4</sup>	<b>C 8 6</b>
Flange 2" 300 lb RF, ANSI B16.5 Enamelled <sup>3</sup>	<b>C 8 7</b>
Flange 2" 300 lb RJF, ANSI B16.5/316L	<b>C 8 8</b>
Flange 2" 300 lb ST, ANSI B16.5/316L	<b>D 0 0</b>
Flange 2" 300 lb LG (large groove), ANSI B16.5/316L	<b>D 0 1</b>
Flange 2" 300 lb LT, ANSI B16.5/316L	<b>D 0 2</b>
Flange 2" 600 lb RF, ANSI B16.5/316L	<b>D 0 3</b>
Flange 2" 600 lb RF, ANSI B16.5/Alloy 400 (2.4360) ZB2977	<b>D 0 4</b>
Flange 2" 600 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>D 0 5</b>
Flange 2" 600 lb RJF, ANSI B16.5/316L	<b>D 0 6</b>
Flange 2" 600 lb LG, ANSI B16.5/316L	<b>D 0 7</b>
Flange 2" 900 lb RJF, ANSI B16.5/316L	<b>D 0 8</b>
Flange 2½" 150 lb RF, ANSI B16.5/316L	<b>D 1 0</b>
Flange 2½" 300 lb RF, ANSI B16.5/316L	<b>D 1 1</b>
Flange 3" 150 lb RF, ANSI B16.5/316L	<b>D 1 2</b>
Flange 3" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 1 3</b>
Flange 3" 150 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>D 1 4</b>
Flange 3" 150 lb RF, ANSI B16.5/PFA <sup>4</sup>	<b>D 1 5</b>
Flange 3" 150 lb RF, ANSI B16.5/Enamelled <sup>3</sup>	<b>D 1 6</b>
Flange 3" 150 lb FF, ANSI B16.5/316L	<b>D 1 7</b>
Flange 3" 150 lb FF, ANSI B16.5/ECTFE <sup>4</sup>	<b>D 1 8</b>
Flange 3" 150 lb FF, ANSI B16.5/PFA <sup>4</sup>	<b>D 2 0</b>
Flange 3" 300 lb RF, ANSI B16.5/316L	<b>D 2 1</b>
Flange 3" 300 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 2 2</b>
Flange 3" 300 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>D 2 3</b>
Flange 3" 300 lb RF, ANSI B16.5/PFA <sup>4</sup>	<b>D 2 4</b>
Flange 3" 300 lb RF, ANSI B16.5/Enamelled <sup>3</sup>	<b>D 2 5</b>
Flange 3" 600 lb RF, ANSI B16.5/316L	<b>D 2 6</b>
Flange 3½" 150 lb RF, ANSI B16.5/316L	<b>D 2 7</b>
Flange 3½" 150 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>D 2 8</b>
Flange 4" 150 lb RF, ANSI B16.5/316L	<b>D 3 0</b>
Flange 4" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 3 1</b>
Flange 4" 150 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>D 3 2</b>
Flange 4" 150 lb RF, ANSI B16.5/PFA <sup>4</sup>	<b>D 3 3</b>
Flange 4" 150 lb RF, ANSI B16.5/Enamelled <sup>3</sup>	<b>D 3 4</b>
Flange 4" 150 lb LT, ANSI B16.5/316L	<b>D 3 5</b>
Flange 4" 300 lb RF, ANSI B16.5/316L	<b>D 3 6</b>
Flange 4" 300 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 3 7</b>
Flange 4" 300 lb RF, ANSI B16.5/ECTFE <sup>4</sup>	<b>D 3 8</b>
Flange 4" 300 lb RJF, ANSI B16.5/316L	<b>D 4 0</b>
Flange 4" 300 lb LG, ANSI B16.5/316L	<b>D 4 1</b>
Flange 4" 300 lb LT, ANSI B16.5/316L	<b>D 4 2</b>
Flange 4" 600 lb RF, ANSI B16.5/316L	<b>D 4 3</b>
Flange 4" 600 lb RJF, ANSI B16.5/316L	<b>D 4 4</b>
Flange 6" 150 lb RF, ANSI B16.5/316L	<b>D 4 5</b>
Flange 6" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 4 6</b>

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Flange 6" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 4 7</b>
Flange 6" 150 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>D 4 8</b>
Flange 6" 150 lb RJF, ANSI B16.5/316L	<b>D 5 0</b>
Flange 6" 300 lb RF, ANSI B16.5/316L	<b>D 5 1</b>
Flange 8" 150 lb RF, ANSI B16.5/316L	<b>D 5 2</b>
Flange 8" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 5 3</b>
Flange 1" BS.10 Table E/316L	<b>D 5 4</b>
Flange 1" BS.10 Table E/PFA <sup>4)</sup>	<b>D 5 5</b>
Flange 1½" BS.10 Table E/316L	<b>D 5 6</b>
Flange 3½" BS.10 Table E/316L	<b>D 5 7</b>
Flange 4" BS.10 Table E/ECTFE <sup>4)</sup>	<b>D 5 8</b>
Flange DN 40 10K, JIS/316L	<b>D 6 0</b>
Flange DN 50 10K, JIS/316L	<b>D 6 1</b>
Flange DN 80 10K, JIS/316L	<b>D 6 2</b>
Flange DN 100 10K, JIS/316L	<b>D 6 3</b>
Thread R1 PN 64, EN 10226-1/316L	<b>D 6 5</b>
Flange 2" 900 lb RF, ASME B16.5/316L	<b>D 7 0</b>

Adapter/Process temperature	
Without adapter/-50 ... +150 °C (-58 ... +302 °F)	<b>1</b>
With adapter/-50 ... +200 °C (-58 ... +392 °F)	<b>2</b>
With adapter/-50 ... +250 °C (-58 ... +482 °F)	<b>3</b>
With gas-tight leadthrough/-50 ... +150 °C (-58 ... +302 °F)	<b>4</b>
With gas-tight leadthrough/-50 ... +250 °C (-58 ... +482 °F)	<b>5</b>

Housing/Cable entry	
Aluminum IP66/IP67/M20 x 1.5	<b>A</b>
Aluminum IP66/IP67/½" NPT	<b>B</b>
316L stainless steel (electropolished) IP66/IP67/M20 x 1.5	<b>C</b>
316L stainless steel (electropolished) IP66/IP67/½" NPT	<b>D</b>
Aluminum IP66/IP67/M20 x 1.5 Special HARTING plug (bent) according to Tier One (ZB7555)	<b>V</b>

Selection and Ordering data	Order code
<b>Further designs</b>	
Please add <b>"-Z"</b> to Article No. and specify Order code(s).	
Cleaning including Certificate (oil, grease, and silicone free)	<b>W01</b>
Identification label (measurement loop) stainless steel: max. 40 characters, add in plain text. To add more than one line, use a coma ",", for line break.	<b>Y17</b>
Identification Label (measurement loop) foil: max. 40 characters add in plain text. To add more than one line, use a coma ",", for line break.	<b>Y18</b>
3.1-Inspection Certificate for material (EN 10204 NACE MR 0175) <sup>10)</sup>	<b>D07</b>
2.2-Factory certificate for material (EN 10204) <sup>10)</sup>	<b>C15</b>
Functional Safety (SIL 2). Device suitable for use in accordance with IEC 61508 and IEC 61511 <sup>10)</sup>	<b>C20</b>
Dye penetration test + 3.1 certificate/instrument <sup>10)</sup>	<b>C13</b>
X-ray test + 3.1 certificate/instrument <sup>10)</sup>	<b>C14</b>
Positive material identification test + 3.1 certificate/instrument <sup>10)</sup>	<b>C16</b>
Roughness test + 3.1 certificate/instrument <sup>10)</sup>	<b>C18</b>
3.1-Inspection Certificate for instrument (EN 10204)	<b>C12</b>

Selection and Ordering data	Order code
3.1-Inspection Certificate for instrument with test data (EN 10204)	<b>C25</b>
Quality and test plan	<b>C26</b>
Pressure test + 3.1 certificate/instrument <sup>10)</sup>	<b>C31</b>
Helium leak test + 3.1 certificate/instrument <sup>10)</sup>	<b>C32</b>
Ferrite measuring accuracy to DIN32514-1 + 3.1 certificate/instrument <sup>10)</sup>	<b>C60</b>
Pressure test according to Norsok + 3.1 certificate/instrument <sup>10)</sup>	<b>C61</b>

**Operating Instructions**

All literature is available to download for free, in a range of languages, at <http://www.siemens.com/processinstrumentation/documentation>

This device is shipped with the Siemens Level and Weighing manual DVD containing the Operating Instructions library.

Spare Parts and Accessories	Article No.
Electronics module SITRANS LVL200 Relay	<b>7ML1830-1NC</b>
Electronics module SITRANS LVL200 Contactless	<b>7ML1930-6AA</b>
NAMUR spare electronics module <u>LVL200 Threaded Welded Socket</u>	<b>A5E35817107</b>
• G¾" A/316L with FKM Seal	<b>7ML1930-1EE</b>
• G1" A/316L with FKM Seal	<b>7ML1930-1EF</b>
• M27 x 1.5/316L with FKM Seal	<b>7ML1930-1EG</b>
• G¾" A/316L with EPDM Seal	<b>7ML1930-1EH</b>
• G1" A/316L with EPDM Seal	<b>7ML1930-1EJ</b>
• M27 x 1.5/316L with EPDM Seal	<b>7ML1930-1EK</b>

- 1) Only available with Adapter/Process temperature options 1, 3, 4, and 5
  - 2) Only available with housing option B
  - 3) Available with Adapter/Process temperature options 1, 2, and 4
  - 4) Not in combination with adapter/Process temperature options 2, 3, and 5
  - 5) Not in combination with adapter/Process temperature options 2, 4, and 5
  - 8) Only available with Electronics options 4 and 5
  - 9) Not in combination with Process Connection/Material options ECTFE Coated Probes
  - 10) Listed Certificates are not available with all configurations please contact factory for more information
  - 11) Not available with Electric Options 0, 1, 3, 4, 5, 6, and Housing/Protection/Cable Option V
  - 12) Available with Housing/Protection/Cable options V
  - 13) Approval option P is not available with PFA and ECTFE coating options
- 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

Article No.

### SITRANS LVL200, Rigid extension

Compact vibrating level switch for material detection in liquid applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.

➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.

### Electronics

Contactless electronic switch 20 ... 250 V AC/DC<sup>(3)</sup> **1**  
 Double relay (DPDT) 20 ... 72 V DC/20 ... 250 V AC NAMUR signal<sup>(1)(3)</sup> **2**  
**4**  
 Transistor (NPN/PNP) 10 ... 55 V DC **5**

### Approvals

Without approvals<sup>(4)</sup> **A**  
 Overfill protection (WHG) **B**  
 ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + WHG<sup>(8)</sup> **C**  
 ATEX II 1/2G, 2G Ex d IIC T6 + WHG<sup>(5)(9)</sup> **D**  
 ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + shipping approvals<sup>(8)</sup> **E**  
 ATEX II 1/2G, 2G Ex d IIC T6 + shipping approvals<sup>(5)(9)</sup> **F**  
 ATEX II 1G, 1/2G, 2G Ex ia IIC T6 + ATEX II 1/2D IP6X T<sup>(8)(11)</sup> **G**  
 IECEx Ex ia IIC T6<sup>(8)</sup> **H**  
 Shipping approvals **K**  
 ATEX II 3G Ex nA II T5...T1 X **L**  
 FM (IS) Class I, II, III, Div. 1, Groups A, B, C, D, E, F, G<sup>(2)(8)</sup> **N**  
 FM (XP) Class I, Div. 1, Groups A, B, C, D; (DIP) Class II, III, Div. 1, Groups E, F, G<sup>(2)(5)(9)(15)</sup> **P**  
 FM (NI) Class I, Div. 2, Groups A, B, C, D<sup>(2)</sup> **Q**  
 IECEx d IIC T6 ... T2 Ga/Gb<sup>(5)(9)</sup> **R**  
 CSA(XP) Class I,II,III Div. 1, Groups A, B, C, D, E, F, G<sup>(5)(9)</sup> **S**  
 CSA(NI)Class I,II,III, Div. 2, Groups A, B, C, D, E, F, G **T**  
 BR-Ex d IIC T6 ... T2<sup>(5)</sup> **U**  
 CSA (IS) Class I, II, III Div. 1, Groups A, B, C, D, E, F, G<sup>(3)</sup> **V**

### Process connection

Thread G<sup>3</sup>/<sub>4</sub>" A, PN 64/316L **A 0 0**  
 Thread G<sup>3</sup>/<sub>4</sub>" A, PN 64/316L Ra < 0.8 µm **A 0 1**  
 Thread <sup>3</sup>/<sub>4</sub>" NPT, PN 64/316L **A 0 2**  
 Thread <sup>3</sup>/<sub>4</sub>" NPT, PN 64/316L Ra < 0.8 µm **A 0 3**  
 Thread <sup>3</sup>/<sub>4</sub>" NPT, PN 64/Alloy 400 (2.4360) **A 0 4**  
 Thread G<sup>3</sup>/<sub>4</sub>" A, PN 64/Alloy C22 (2.4602) **A 0 5**  
 Thread <sup>3</sup>/<sub>4</sub>" NPT, PN 64/Alloy C22 (2.4602) **A 0 6**  
 Thread G1" A, PN 64/316L **A 0 7**  
 Thread G1" A, PN 64/316L ECTFE coated MB1982<sup>(4)</sup> **A 0 8**  
 Thread G1" A, PN 64/316L PFA coated<sup>(4)</sup> **A 1 0**  
 Thread G1" A, PN 64/Alloy 400 (2.4360) **A 1 1**  
 Thread G1" A, PN 64/316L Ra < 0.8 µm **A 1 3**  
 Thread 1" NPT, PN 64/316L **A 1 4**  
 Thread 1" NPT, PN 64/316L ECTFE coated MB1982<sup>(4)</sup> **A 1 5**  
 Thread 1" NPT, PN 64/316L PFA coated<sup>(4)</sup> **A 1 6**  
 Thread 1" NPT, PN 64/Alloy 400 (2.4360) **A 1 7**  
 Thread 1" NPT, PN 64/316L Ra < 0.8 µm **A 1 8**  
 Thread G1" A, PN 64/Alloy C22 (2.4602) **A 2 0**  
 Thread G1<sup>1</sup>/<sub>2</sub>" A, PN 64/316L **A 2 1**  
 Thread G1<sup>1</sup>/<sub>2</sub>" A, PN 64/316L Ra < 0.8 µm **A 2 2**  
 Thread G1<sup>1</sup>/<sub>2</sub>" A, PN 64/Alloy C22 (2.4602) **A 2 3**  
 Thread 1" NPT, PN 64/Alloy C22 (2.4602) **A 2 4**  
 Thread 1<sup>1</sup>/<sub>2</sub>" NPT, PN 64/316L **A 2 5**  
 Thread 1<sup>1</sup>/<sub>2</sub>" NPT, PN 64/316L Ra < 0.8 µm **A 2 6**  
 Thread 1<sup>1</sup>/<sub>2</sub>" NPT, PN 64/Alloy C22 (2.4602) **A 2 7**  
 Thread G2" A, PN 64/316L **A 2 8**

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## Selection and Ordering data

Article No.

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Thread M27 x 1.5 PN 64/316L **A 3 0**  
 Cyl. socket/316Ti/1.4581 ECTFE coated ZB2984<sup>(4)</sup> **A 3 1**

Conus DN 25 PN 40/316L Ra < 0.3 µm **A 3 2**  
 Conus DN 25 PN 40/316L Ra < 0.8 µm. **A 3 3**  
 Conus DN 25 PN 40/ECTFE (ZB3033)<sup>(4)</sup> **A 3 4**  
 Conus M52 PN 40/316L **A 3 5**  
 Conus M52 PN 40/316L Ra < 0.3 µm **A 3 6**  
 Conus M52 PN 40/316L Ra < 0.8 µm **A 3 7**  
 Tri-Clamp 1" PN 16/316L Ra < 0.3 µm **A 3 8**  
 Tri-Clamp 1" PN 16/Alloy C22 (2.4602) **A 4 0**  
 Tri-Clamp 1" PN 16/316L Ra < 0.8 µm **A 4 1**  
 Tri-Clamp 1<sup>1</sup>/<sub>2</sub>" PN 16/316L Ra < 0.3 µm **A 4 2**  
 Tri-Clamp 1<sup>1</sup>/<sub>2</sub>" PN 16/Alloy C22 (2.4602) **A 4 3**  
 Tri-Clamp 1<sup>1</sup>/<sub>2</sub>" PN 16/316L Ra < 0.8 µm **A 4 4**  
 Tri-Clamp 2" PN 16/316L Ra < 0.3 µm **A 4 5**  
 Tri-Clamp 2" PN 16/Alloy C22 (2.4602) **A 4 6**  
 Tri-Clamp 2" PN 16/316L Ra < 0.8 µm **A 4 7**  
 Tri-Clamp 2<sup>1</sup>/<sub>2</sub>" PN 10/316L Ra < 0.3 µm **A 4 8**  
 Tri-Clamp 2<sup>1</sup>/<sub>2</sub>" PN 10/316L Ra < 0.8 µm **A 5 0**  
 Tri-Clamp 3" PN 10/316L Ra < 0.3 µm **A 5 1**  
 Tri-Clamp 3" PN 10/316L Ra < 0.8 µm **A 5 2**  
 Bolting DN 32 PN 40 DIN11851/316L Ra < 0.3 µm **A 5 3**  
 Bolting DN 32 PN 40 DIN11851/316L Ra < 0.8 µm **A 5 4**  
 Bolting DN 25 PN 40 DIN11851/316L Ra < 0.3 µm **A 5 5**  
 Bolting DN 25 PN 40 DIN11851/316L Ra < 0.8 µm **A 5 6**  
 Bolting DN 40 PN 40 DIN11851/316L Ra < 0.3 µm **A 5 7**  
 Bolting DN 40 PN 40 DIN11851/316L Ra < 0.8 µm **A 5 8**  
 Bolting DN 40 PN 40 DIN11864-1 A/316L Ra < 0.8 µm ZB3052 **A 6 0**  
 Bolting DN 50 PN 25 DIN11851/316L Ra < 0.3 µm **A 6 1**  
 Bolting DN 50 PN 25 DIN11851/316L Ra < 0.8 µm **A 6 2**  
 Bolting DN 50 PN 25 DIN11864-1 A/316L Ra < 0.8 µm ZB3052 **A 6 3**  
 Hygienic w.compr.nut F40 PN 25/316L **A 6 4**  
 Hygienic w.compr.nut F40 PN 25/316L Ra < 0.3 µm **A 6 5**  
 Hygienic w.compr.nut F40 PN 25/316L Ra < 0.8 µm **A 6 6**  
 Varivent N50-40/316L Ra < 0.3 µm **A 6 7**  
 Varivent N50-40/316L Ra < 0.8 µm **A 6 8**  
 Varivent N125/100/316L Ra < 0.8 µm **A 7 0**  
 DRD flange PN 40/316L ZB3007 **A 7 1**  
 SMS DN 38/316L Ra < 0.8 µm<sup>(4)</sup> **A 7 2**  
 SMS DN 51 PN 6/316L Ra < 0.8 µm<sup>(4)</sup> **A 7 3**  
 Swagelok VCR screwing ZG2579 PN 64/316L **A 7 4**  
 Neumo biocontrol size 25 PN 16/316L Ra < 0.8 µm **A 7 5**  
 Neumo biocontrol size 50 PN 16/316L Ra < 0.8 µm **A 7 6**  
 Neumo biocontrol size 65 PN 16/316L Ra < 0.8 µm **A 7 7**  
 Neumo biocontrol size 80 PN 16/316L Ra < 0.8 µm **A 7 8**  
 SÜDMO DN 50 PN 10/316L Ra < 0.8 µm **A 8 0**  
 Small flange DN 25 PN 1.5 DIN 28403/316L pol. Ra < 0.8 µm **A 8 1**  
 Small flange DN 40 PN 1.5 DIN 28403/316L pol. Ra < 0.8 µm **A 8 2**  
 Ingold connection PN 16/316L Ra < 0.8 µm **A 8 3**  
 Collar clamp connection DN33,7 PN40 Form A, DIN11864-3/1.4435 (BN2, Ra < 0.8 µm) **A 8 4**  
 Collar flange DN50 PN16 Form A, DIN11864-2/316L (Ra < 0.8 µm) **A 8 5**  
 Flange DN 25 PN 6 Form C, DIN 2501/316L **A 8 6**

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Article No.

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Flange DN 25 PN 6 Form C, DIN 2501/PFA <sup>4)</sup>	<b>A 8 7</b>
Flange DN 25 PN 40 Form C, DIN 2501/316L	<b>A 8 8</b>
Flange DN 25 PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 0 0</b>
Flange DN 25 PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 0 1</b>
Flange DN 25 PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 0 2</b>
Flange DN 25 PN 40 Form D, DIN 2501/316L	<b>B 0 3</b>
Flange DN 25 PN 40 Form F, DIN 2501/316L	<b>B 0 4</b>
Flange DN 25 PN 40 Form N, DIN 2501/316L	<b>B 0 5</b>
Flange DN 25 PN 40 Form N, DIN 2501/ Alloy C22 (2.4602)	<b>B 0 6</b>
Flange DN 25 PN 40 Form N, DIN 2501/ Alloy 400 (2.4360) solid	<b>B 0 7</b>
Flange DN 25 PN 40 V13, DIN 2501/316L	<b>B 0 8</b>
Flange DN 32 PN 40 Form C, DIN 2501/316L	<b>B 1 0</b>
Flange DN 32 PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 1 1</b>
Flange DN 40 PN 6 Form C, DIN 2501/316L	<b>B 1 2</b>
Flange DN 40 PN 6 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 1 3</b>
Flange DN 40 PN 40 Form C, DIN 2501/316L	<b>B 1 4</b>
Flange DN 40 PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 1 5</b>
Flange DN 40 PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 1 6</b>
Flange DN 40 PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 1 7</b>
Flange DN 40 PN 40 Form C, DIN 2501/Enamel- led <sup>3)</sup>	<b>B 1 8</b>
Flange DN 40 PN 40 Form F, DIN 2501/316L	<b>B 2 0</b>
Flange DN 40 PN 40 Form N, DIN 2501/316L	<b>B 2 1</b>
Flange DN 40 PN 40 Form E, DIN 2501/316L	<b>B 2 2</b>
Flange DN 40 PN 40 V13, DIN 2501/316L	<b>B 2 3</b>
Flange DN 50 PN 40 Form C, DIN 2501/316L	<b>B 2 4</b>
Flange DN 50 PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 2 5</b>
Flange DN 50 PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 2 6</b>
Flange DN 50 PN 40 Form C, DIN 2501/ECTFE (ZB3108) <sup>4)</sup>	<b>B 2 7</b>
Flange DN 50 PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 2 8</b>
Flange DN 50 PN 40 Form D, DIN 2501/316L	<b>B 3 0</b>
Flange DN 50 PN 40 Form D, DIN 2501/ Alloy C22 (2.4602)	<b>B 3 1</b>
Flange DN 50 PN 40 Form F, DIN 2501/316L	<b>B 3 2</b>
Flange DN 50 PN 40 Form N, DIN 2501/316L	<b>B 3 3</b>
Flange DN 50 PN 40 Form N, DIN 2501/ Alloy C22 (2.4602)	<b>B 3 4</b>
Flange DN 50 PN 40 Form E, DIN 2501/316L	<b>B 3 5</b>
Flange DN 50 PN 40 V13, DIN 2501/316L	<b>B 3 6</b>
Flange DN 50 PN 40 R13, DIN 2501/316L	<b>B 3 7</b>
Flange DN 50 PN 64 Form F, DIN 2501/316L	<b>B 3 8</b>
Flange DN 50 PN 64 Form N, DIN 2501/ Alloy C22 (2.4602)	<b>B 4 0</b>
Flange DN 50 PN 64 Form C, DIN 2501/316L	<b>B 4 1</b>
Flange DN 50 PN 64 Form L, DIN 2501/316L	<b>B 4 2</b>
Flange DN 50 PN 100 Form E, DIN 2501/316L	<b>B 4 3</b>
Flange DN 50 PN 100 Form L, DIN 2501/316L	<b>B 4 4</b>
Flange DN 65 PN 40 Form C, DIN 2501/316L	<b>B 4 5</b>
Flange DN 65 PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 4 6</b>
Flange DN 65 PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 4 7</b>
Flange DN 65 PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 4 8</b>
Flange DN 65 PN 40 Form F, DIN 2501/316L	<b>B 5 0</b>
Flange DN 65 PN 64 Form E, DIN 2501/316L	<b>B 5 1</b>
Flange DN 80 PN 40 Form C, DIN 2501/316L	<b>B 5 2</b>

**Selection and Ordering data**

Article No.

**SITRANS LVL200, Rigid extension**

Compact vibrating level switch for material detection in liquid applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.

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Flange DN 80 PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 5 3</b>
Flange DN 80 PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 5 4</b>
Flange DN 80 PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 5 5</b>
Flange DN 80 PN 40 Form F, DIN 2501/316L	<b>B 5 6</b>
Flange DN 80 PN 40 Form N, DIN 2501/316L	<b>B 5 7</b>
Flange DN 80 PN 40 Form N, DIN 2501/ Alloy C22 (2.4602)	<b>B 5 8</b>
Flange DN 100 PN 16 Form C, DIN 2501/316L	<b>B 6 0</b>
Flange DN 100 PN 16 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 6 1</b>
Flange DN 100 PN 16 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 6 2</b>
Flange DN 100 PN 16 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 6 3</b>
Flange DN 100 PN 16 Form D, DIN 2501/316L	<b>B 6 4</b>
Flange DN 100 PN 16 Form F, DIN 2501/316L	<b>B 6 5</b>
Flange DN 100 PN 16 Form N, DIN 2501/316L	<b>B 6 6</b>
Flange DN 100 PN 40 Form C, DIN 2501/316L	<b>B 6 7</b>
Flange DN 100 PN 40 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 6 8</b>
Flange DN 100 PN 40 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 7 0</b>
Flange DN 100 PN 40 Form C, DIN 2501/ Enamelled <sup>3)</sup>	<b>B 7 1</b>
Flange DN 100 PN 40 Form F, DIN 2501/316L	<b>B 7 2</b>
Flange DN 100 PN 40 Form N, DIN 2501/316L	<b>B 7 3</b>
Flange DN 100 PN 40 V13, DIN 2501/316L	<b>B 7 4</b>
Flange DN 100 PN 64 Form E, DIN 2501/316L	<b>B 7 5</b>
Flange DN 100 PN 100 Form E, DIN 2501/316L	<b>B 7 6</b>
Flange DN 100 PN 100 Form L, DIN 2501/316L	<b>B 7 7</b>
Flange DN 125 PN 16 Form F, DIN 2501/316L	<b>B 7 8</b>
Flange DN 125 PN 40 Form C, DIN 2501/316L	<b>B 8 0</b>
Flange DN 125 PN 40 Form N, DIN 2512/316L	<b>B 8 1</b>
Flange DN 150 PN 16 Form C, DIN 2501/316L	<b>B 8 2</b>
Flange DN 150 PN 16 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 8 3</b>
Flange DN 150 PN 16 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>B 8 4</b>
Flange DN 150 PN 16 Form C, DIN 2501/PFA <sup>4)</sup>	<b>B 8 5</b>
Flange DN 150 PN 16 Form D, DIN 2501/316L	<b>B 8 6</b>
Flange DN 150 PN 40 Form C, DIN 2501/316L	<b>B 8 7</b>
Flange DN 150 PN 40 Form C, DIN 2501/ Alloy C22 (2.4602)	<b>B 8 8</b>
Flange DN 150 PN 40 Form F, DIN 2501/316L	<b>C 0 0</b>
Flange DN 150 PN 40 Form N, DIN 2512/316L	<b>C 0 1</b>
Flange DN 200 PN 10 Form C, DIN 2501/ECTFE <sup>4)</sup>	<b>C 0 2</b>
Flange DN 200 PN 16 Form C, DIN 2501/316L	<b>C 0 3</b>
Flange DN 25 PN 40 Form B1, EN 1092-1/316L	<b>C 0 4</b>
Flange DN 25 PN 40 Form B1, EN 1092-1/ Alloy C22 (2.4602)	<b>C 0 5</b>
Flange DN 25 PN 40 Form B1, EN/316L/PFA <sup>4)</sup>	<b>C 0 6</b>
Flange DN 25 PN 40 Form B1, EN 1092-1/ Enamelled <sup>3)</sup>	<b>C 0 7</b>
Flange DN 25 PN 40 Form B2, EN 1092-1/316L	<b>C 0 8</b>
Flange DN 25 PN 40 Form F, EN 1092-1/316L	<b>C 1 0</b>
Flange DN 25 PN 63 Form B1, EN 1092-1/316L	<b>C 1 1</b>
Flange DN 25 PN 100 Form B2, EN 1092-1/316L	<b>C 1 2</b>
Flange DN 40 PN 40 Form B1, EN/316L	<b>C 1 3</b>
Flange DN 40 PN 40 Form B1, EN 1092-1/PFA <sup>4)</sup>	<b>C 1 4</b>
Flange DN 40 PN 40 Form B2, EN/316L	<b>C 1 5</b>
Flange DN 50 PN 40 Form B1, EN/316L	<b>C 1 6</b>
Flange DN 50 PN 40 Form B1, EN 1092-1/ Alloy C22 (2.4602)	<b>C 1 7</b>
Flange DN 50 PN 40 Form B1, EN 1092-1/ Alloy 400 (2.4360) ZB2977	<b>C 1 8</b>
Flange DN 50 PN 40 Form B1, EN 1092-1/ECTFE <sup>4)</sup>	<b>C 2 0</b>

**Selection and Ordering data**

Article No.

**SITRANS LVL200, Rigid extension**

Compact vibrating level switch for material detection in liquid applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.

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Flange DN 50 PN 40 Form B1, EN/316L/PFA <sup>4)</sup>	<b>C 21</b>
Flange DN 50 PN 40 Form B1, EN 1092-1/Enamelled <sup>3)</sup>	<b>C 22</b>
Flange DN 50 PN 40 Form C, EN 1092-1/316L	<b>C 23</b>
Flange DN 50 PN 40 Form D, EN/316L	<b>C 24</b>
Flange DN 50 PN 40 Form D, EN 1092-1/Alloy C22 (2.4602)	<b>C 25</b>
Flange DN 50 PN 40 Form B2, EN 1092-1/316L	<b>C 26</b>
Flange DN 50 PN 40 Form E, EN 1092-1/316L	<b>C 27</b>
Flange DN 80 PN 40 Form B1, EN 1092-1/316L	<b>C 28</b>
Flange DN 80 PN 40 Form B1, EN 1092-1/Alloy C22 (2.4602)	<b>C 30</b>
Flange DN 80 PN 40 Form B1, EN 1092-1/ECTFE <sup>4)</sup>	<b>C 31</b>
Flange DN 80 PN 40 Form B1, EN 1092-1/Enamelled <sup>3)</sup>	<b>C 32</b>
Flange DN 80 PN 40 Form B2, EN 1092-1/316L	<b>C 33</b>
Flange DN 100 PN 16 Form B1, EN 1092-1/316L	<b>C 34</b>
Flange DN 100 PN 16 Form B1, EN 1092-1/Alloy C22 (2.4602)	<b>C 35</b>
Flange DN 100 PN 16 Form B1, EN 1092-1/Enamelled <sup>3)</sup>	<b>C 36</b>
Flange DN 100 PN 40 Form B1, EN 1092-1/316L	<b>C 37</b>
Flange DN 100 PN 40 Form B1, EN 1092-1/Enamelled <sup>3)</sup>	<b>C 38</b>
Flange DN 100 PN 40 Form C, EN 1092-1/316L	<b>C 40</b>
Flange DN 100 PN 63 Form B2, EN 1092-1/316L	<b>C 41</b>
Flange DN 150 PN 16 Form B1, EN 1092-1/316L	<b>C 42</b>
Flange DN 150 PN 16 Form B1, EN 1092-1/PFA <sup>4)</sup>	<b>C 43</b>
Flange DN 150 PN 40 Form B1, EN 1092-1/316L	<b>C 44</b>
Flange DN 150 PN 40 Form B1, EN 1092-1/ECTFE <sup>4)</sup>	<b>C 45</b>
Flange DN 150 PN 40 Form B2, EN 1092-1/316L	<b>C 46</b>
Flange 1" 150 lb ANSI B16.5/316L	<b>C 47</b>
Flange 1"150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 48</b>
Flange 1"150 lb RF, ANSI B16.5//Alloy 400 (2.4360) ZB2977	<b>C 50</b>
Flange 1" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 51</b>
Flange 1"150 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>C 52</b>
Flange 1" 150 lb RF, ANSI B16.5/Enamelled <sup>3)</sup>	<b>C 53</b>
Flange 1" 300 lb RF, ANSI B16.5/316L	<b>C 54</b>
Flange 1" 300 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 55</b>
Flange 1" 600 lb RF, ANSI B16.5/316L	<b>C 56</b>
Flange 1½" 150 lb RF, ANSI B16.5/316L	<b>C 57</b>
Flange 1½" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 58</b>
Flange 1½" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 60</b>
Flange 1½" 150 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>C 61</b>
Flange 1½" 150 lb RF, ANSI B16.5 Enamelled <sup>3)</sup>	<b>C 62</b>
Flange 1½" 150 lb FF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 63</b>
Flange 1½" 300 lb RF, ANSI B16.5/316L	<b>C 64</b>
Flange 1½" 300 lb RF, ANSI B16.5/Alloy 400 (2.4360) ZB2977	<b>C 65</b>
Flange 1½" 300 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 66</b>
Flange 1½" 600 lb RF, ANSI B16.5/316L	<b>C 67</b>
Flange 2" 150 lb RF, ANSI B16.5/316L	<b>C 68</b>
Flange 2" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 70</b>
Flange 2" 150 lb RF, ANSI B16.5/	<b>C 71</b>
Alloy 400 (2.4360) ZB2977	
Flange 2" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 72</b>
Flange 2" 150 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>C 73</b>
Flange 2" 150 lb RF, ANSI B16.5/Enamelled <sup>3)</sup>	<b>C 74</b>
Flange 2" 150 lb FF, ANSI B16.5/316L	<b>C 75</b>

**Selection and Ordering data**

Article No.

**SITRANS LVL200, Rigid extension**

Compact vibrating level switch for material detection in liquid applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.

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Flange 2" 150 lb FF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 76</b>
Flange 2" 150 lb SG (small groove), ANSI B16.5/316L	<b>C 77</b>
Flange 2" 300 lb RF, ANSI B16.5/316L	<b>C 78</b>
Flange 2" 300 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>C 80</b>
Flange 2" 300 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>C 82</b>
Flange 2" 300 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>C 83</b>
Flange 2" 300 lb RJF, ANSI B16.5/316L	<b>C 85</b>
Flange 2" 300 lb ST, ANSI B16.5/316L	<b>C 86</b>
Flange 2" 300 lb LG (large groove), ANSI B16.5/316L	<b>C 87</b>
Flange 2" 300 lb LT, ANSI B16.5/316L	<b>C 88</b>
Flange 2" 600 lb RF, ANSI B16.5/316L	<b>D 00</b>
Flange 2" 600 lb RF, ANSI B16.5/Alloy 400 (2.4360) ZB2977	<b>D 01</b>
Flange 2" 600 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 02</b>
Flange 2" 600 lb RJF, ANSI B16.5/316L	<b>D 03</b>
Flange 2" 600 lb LG, ANSI B16.5/316L	<b>D 04</b>
Flange 2" 900 lb RJF, ANSI B16.5/316L	<b>D 05</b>
Flange 2½" 150 lb RF, ANSI B16.5/316L	<b>D 06</b>
Flange 2½" 300 lb RF, ANSI B16.5/316L	<b>D 07</b>
Flange 3" 150 lb RF, ANSI B16.5/316L	<b>D 08</b>
Flange 3" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 10</b>
Flange 3" 150 lb RF, ANSI B16.5/Alloy 400 (2.4360) ZB2977	<b>D 11</b>
Flange 3" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 12</b>
Flange 3" 150 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>D 13</b>
Flange 3" 150 lb RF, ANSI B16.5/Enamelled <sup>3)</sup>	<b>D 14</b>
Flange 3" 150 lb FF, ANSI B16.5/316L	<b>D 15</b>
Flange 3" 150 lb FF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 16</b>
Flange 3" 150 lb FF, ANSI B16.5/PFA <sup>4)</sup>	<b>D 17</b>
Flange 3" 300 lb RF, ANSI B16.5/316L	<b>D 18</b>
Flange 3" 300 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 20</b>
Flange 3" 300 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 21</b>
Flange 3" 300 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>D 22</b>
Flange 3" 300 lb RF, ANSI B16.5/Enamelled <sup>3)</sup>	<b>D 23</b>
Flange 3" 600 lb RF, ANSI B16.5/316L	<b>D 24</b>
Flange 3½" 150 lb RF, ANSI B16.5/316L	<b>D 25</b>
Flange 3½" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 26</b>
Flange 4" 150 lb RF, ANSI B16.5/316L	<b>D 27</b>
Flange 4" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 28</b>
Flange 4" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 30</b>
Flange 4" 150 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>D 31</b>
Flange 4" 150 lb RF, ANSI B16.5/Enamelled <sup>3)</sup>	<b>D 32</b>
Flange 4" 150 lb LT, ANSI B16.5/316L	<b>D 33</b>
Flange 4" 300 lb RF, ANSI B16.5/316L	<b>D 34</b>
Flange 4" 300 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 35</b>
Flange 4" 300 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 36</b>
Flange 4" 300 lb RJF, ANSI B16.5/316L	<b>D 37</b>
Flange 4" 300 lb LG, ANSI B16.5/316L	<b>D 38</b>
Flange 4" 300 lb LT, ANSI B16.5/316L	<b>D 40</b>
Flange 4" 600 lb RF, ANSI B16.5/316L	<b>D 41</b>
Flange 4" 600 lb RJF, ANSI B16.5/316L	<b>D 42</b>
Flange 5" 150 lb RF, ANSI B16.5/316L	<b>D 43</b>
Flange 6" 150 lb RF, ANSI B16.5/316L	<b>D 44</b>
Flange 6" 150 lb RF, ANSI B16.5/Alloy C22 (2.4602)	<b>D 45</b>
Flange 6" 150 lb RF, ANSI B16.5/ECTFE <sup>4)</sup>	<b>D 46</b>
Flange 6" 150 lb RF, ANSI B16.5/PFA <sup>4)</sup>	<b>D 47</b>
Flange 6" 150 lb RJF, ANSI B16.5/316L	<b>D 48</b>
Flange 6" 300 lb RF, ANSI B16.5/316L	<b>D 50</b>

**Selection and Ordering data**

Article No.

**SITRANS LVL200, Rigid extension**

Compact vibrating level switch for material detection in liquid applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.

Flange 8" 150 lb RF, ANSI B16.5/316L

 Flange 8" 150 lb RF, ANSI B16.5/ECTFE<sup>4)</sup>

Flange 1" BS.10 Table E/316L

 Flange 1" BS.10 Table E/PFA<sup>4)</sup>

Flange 1½" BS.10 Table E/316L

Flange 3½" BS.10 Table E/316L

 Flange 4" BS.10 Table E/ECTFE<sup>4)</sup>

Flange DN 40 10K, JIS/316L

Flange DN 50 10K, JIS/316L

Flange DN 80 10K, JIS/316L

Flange DN 100 10K, JIS/316L

 Thread R1 PN64, EN10226-1/316L<sup>16)</sup>

Flange 2" 900 lb RF, ASME B16.5/316L

**Adapter/Process temperature**

Without adapter/-50 ... +150 °C

With adapter/-50 ... +200 °C

With adapter/-50 ... +250 °C

With gas-tight leadthrough/-50 ... +150 °C

With gas-tight leadthrough/-50 ... +250 °C

**Housing/Cable entry**

Aluminum IP66/IP67/M20 x 1.5

Aluminum IP66/IP67/½" NPT

316L stainless steel (electropolished)

 IP66/IP67/M20 x 1.5<sup>10)</sup>

316L stainless steel (electropolished)

 IP66/IP67/½" NPT<sup>17)</sup>

Aluminum IP66/IP67/M20 x 1.5 Special HARTING plug (bent) according to Tier One (ZB7555)

**NOTE:**

**When selecting a Rigid Extension option, extension coating must match the process connection coating and the material and surface roughness type.**

**Rigid Extension 316L**

80 ... 500 mm

501 ... 1 000 mm

1 001 ... 1 500 mm

1 501 ... 2 000 mm

2 001 ... 2 500 mm

2 501 ... 3 000 mm

3 001 ... 3 500 mm

3 501 ... 4 000 mm

**Rigid Extension ECTFE coated**

80 ... 500 mm

501 ... 1 000 mm

1 001 ... 1 500 mm

1 501 ... 2 000 mm

2 001 ... 2 500 mm

2 501 ... 3 000 mm

**Rigid Extension PFA coated**

80 ... 500 mm

501 ... 1 000 mm

1 001 ... 1 500 mm

1 501 ... 2 000 mm

2 001 ... 2 500 mm

2 501 ... 3 000 mm

3 001 ... 3 500 mm

3 501 ... 4 000 mm

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**D 5 1**
**D 5 2**
**D 5 3**
**D 5 4**
**D 5 5**
**D 5 6**
**D 5 7**
**D 5 8**
**D 6 0**
**D 6 1**
**D 6 2**
**D 6 5**
**D 7 0**
**1**
**2**
**3**
**4**
**5**
**A**
**B**
**C**
**D**
**V**
**A 0**
**A 1**
**A 2**
**A 3**
**A 4**
**A 5**
**A 6**
**A 7**
**B 0**
**B 1**
**B 2**
**B 3**
**B 4**
**B 5**
**C 0**
**C 1**
**C 2**
**C 3**
**C 4**
**C 5**
**C 6**
**C 7**
**Selection and Ordering data**

Article No.

**SITRANS LVL200, Rigid extension**

Compact vibrating level switch for material detection in liquid applications such as overflow, high, low, and demand applications, as well as pump protection. For use in SIL-2 and hazardous applications.

**Rigid Extension 316L Ra ≤ 0.8 µm**

80 ... 500 mm

501 ... 1 000 mm

1 001 ... 1 500 mm

1 501 ... 2 000 mm

2 001 ... 2 500 mm

2 501 ... 3 000 mm

3 001 ... 3 500 mm

3 501 ... 4 000 mm

**Rigid Extension 316L Ra ≤ 0.3 µm**

80 ... 500 mm

501 ... 1 000 mm

1 001 ... 1 500 mm

1 501 ... 2 000 mm

2 001 ... 2 500 mm

2 501 ... 3 000 mm

3 001 ... 3 500 mm

3 501 ... 4 000 mm

**Rigid Extension Enamelled version**

80 ... 250 mm

251 ... 500 mm

501 ... 750 mm

751 ... 1 000 mm

1 001 ... 1 250 mm

1 251 ... 1 500 mm

**Rigid Extension Alloy C22 (2.4602)**

80 ... 500 mm

501 ... 1 000 mm

1 001 ... 1 500 mm

1 501 ... 2 000 mm

2 001 ... 2 500 mm

2 501 ... 3 000 mm

3 001 ... 3 500 mm

3 501 ... 4 000 mm

**Rigid Extension Alloy 400 (2.4360)**

80 ... 500 mm

501 ... 1 000 mm

1 001 ... 1 500 mm

1 501 ... 2 000 mm

2 001 ... 2 500 mm

2 501 ... 3 000 mm

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**D 0**
**D 1**
**D 2**
**D 3**
**D 4**
**D 5**
**D 6**
**D 7**
**E 0**
**E 1**
**E 2**
**E 3**
**E 4**
**E 5**
**E 6**
**E 7**
**F 0**
**F 1**
**F 2**
**F 3**
**F 4**
**F 5**
**G 0**
**G 1**
**G 2**
**G 3**
**G 4**
**G 5**
**G 6**
**G 7**
**H 0**
**H 1**
**H 2**
**H 3**
**H 4**
**H 5**

Selection and Ordering data	Order code	Selection and Ordering data	Article No.
<p><b>Further designs</b></p> <p>Please add <b>"-Z"</b> to Article No. and specify Order code(s).</p>		<p><b>Spare Parts and Accessories</b></p> <p>Electronics module SITRANS LVL200 Relay Electronics module SITRANS LVL200 Contactless</p>	<p><b>7ML1830-1NC</b> <b>7ML1930-6AA</b></p>
<p>Cleaning including Certificate (oil, grease, and silicone free)</p>	<b>W01</b>	<p>NAMUR spare electronics module Lock fitting, unpressurized, G1" A/316L</p>	<p><b>A5E35817107</b> <b>7ML1930-1DQ</b></p>
<p>Enter the total insertion length in plain text description, max. 4 000 mm (157.48 inch)</p>	<b>Y01</b>	<p>Lock fitting, unpressurized, 1" NPT/316L Lock fitting, unpressurized, G1 ... 1/2" A/316L</p>	<p><b>7ML1930-1DR</b> <b>7ML1930-1DS</b></p>
<p>Identification label (measurement loop) stainless steel: max. 40 characters, add in plain text. To add more than one line, use a coma ",", for line break.</p>	<b>Y17</b>	<p>Lock fitting, unpressurized, 1 ... 1/2" NPT/316L Lock fitting, -1 ... 16 bar, G1" A/316L Lock fitting, -1 ... 16 bar, G1 ... 1/2" A/316L</p>	<p><b>7ML1930-1DT</b> <b>7ML1930-1DU</b> <b>7ML1930-1DV</b> <b>7ML1930-1DW</b></p>
<p>Identification Label (measurement loop) foil: max. 40 characters add in plain text. To add more than one line, use a coma ",", for line break.</p>	<b>Y18</b>	<p>Lock fitting, -1 ... 16 bar, 1 ... 1/2" NPT/316L Lock fitting, -1 ... 64 bar, G1" A/316L Lock fitting, -1 ... 64 bar, 1" NPT/316L</p>	<p><b>7ML1930-1DX</b> <b>7ML1930-1EA</b> <b>7ML1930-1EB</b></p>
<p>3.1-Inspection Certificate for material (EN 10204 NACE MR 0175)<sup>12)</sup></p>	<b>D07</b>	<p>Lock fitting, -1 ... 64 bar, G1 ... 1/2" A/316L Lock fitting, -1 ... 64 bar, 1 ... 1/2" NPT/316L</p>	<p><b>7ML1930-1EC</b> <b>7ML1930-1ED</b></p>
<p>2.2-Factory certificate for material (EN 10204)<sup>12)</sup></p>	<b>C15</b>		
<p>Functional Safety (SIL 2). Device suitable for use in accordance with IEC 61508 and IEC 61511<sup>12)</sup></p>	<b>C20</b>		
<p>Dye penetration test + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C13</b>		
<p>X-ray test + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C14</b>		
<p>Positive material identification test + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C16</b>		
<p>Roughness test + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C18</b>		
<p>3.1-Inspection Certificate for instrument (EN 10204)</p>	<b>C12</b>		
<p>3.1-Inspection Certificate for instrument with test data (EN 10204)</p>	<b>C25</b>		
<p>Quality and test plan</p>	<b>C26</b>		
<p>Pressure test + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C31</b>		
<p>Helium leak test + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C32</b>		
<p>Ferrite measuring accuracy to DIN32514-1 + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C60</b>		
<p>Pressure test according to Norsok + 3.1 certificate/instrument<sup>12)</sup></p>	<b>C61</b>		
<p><b>Operating Instructions</b></p> <p>All literature is available to download for free, in a range of languages, at <a href="http://www.siemens.com/processinstrumentation/documentation">http://www.siemens.com/processinstrumentation/documentation</a></p> <p>This device is shipped with the Siemens Level and Weighing manual DVD containing the Operating Instructions library.</p>		<p><sup>1)</sup> Available with Adapter/Process temperature options 1, 3, 4, and 5 only <sup>2)</sup> Only available with housing option B <sup>3)</sup> Available with adapter/Process temperature options 1, 2, and 4 <sup>4)</sup> Not in combination with adapter/Process temperature options 2, 3, and 5 <sup>5)</sup> Not in combination with adapter/Process temperature options 2, 4, and 5 <sup>8)</sup> Only available with Electronics options 4 and 5 <sup>9)</sup> Only valid with Rigid extension options less than 2 956 mm <sup>10)</sup> Only available with approval options A, B, C, H, N, V Note: when selecting a Rigid option, extension coating must match the process connection coating type. <sup>11)</sup> Not in combination with Rigid Extension options ECTFE Coated Probes B0 ... B5 <sup>12)</sup> Listed Certificates are not available with all configurations please contact factory for more information <sup>13)</sup> Not available with Electric options 0, 1, 3, 4, 5, 6, and Housing/Protection/Cable option V <sup>14)</sup> Available with Housing/Protection/Cable option V <sup>15)</sup> Approval option P is not available with PFA and ECTFE coating options <sup>16)</sup> Only available for 316L extensions <sup>17)</sup> Only available with approval options A, B, C, N, Q, T, V</p>	