

Selection and Ordering data	Order code
Further Designs Please add "-Z" to Article No. and specify Order code(s).	
Heating of enclosure ¹³⁾ ¹⁴⁾	A35
Signal bulb inserted in M20 cable gland ¹³⁾	A20
Food grade materials (in contact with process), according to 1935/2004/EC, with FDA conform shaft sealing ¹⁵⁾	K01
Stainless steel tag [100 x 45 mm (3.94 x 1.77 inch)]: Measuring-point number/identification (max. 27 characters); specify in plain text	Y14
Operating Instructions Multi-language Note: The Operating Instructions should be ordered as a separate line on the order. 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 ATEX Quick Start and Operating Instructions library.	Article No. A5E34210883
Spare Parts Motor gear /PLC, multi-voltage	7ML1830-1KG
Replacement vane, boot shape, 35 x 106 mm (1.38 x 4.17 inch)	7ML1830-1KH
Hinged vane, 98 x 200 mm (3.86 x 7.87 inch)	7ML1830-1KJ
Rigid extension kit (Includes spring coupling, rigid tube extension, and required pins) Extension: 500, 400, 300 mm (19.7, 15.8, 11.8 inch) Extension: 1 000, 900, 800, 700, 600 mm (39.4, 35.4, 31.5, 27.6, 23.6 inch) Extension: 1 500, 1 400, 1 300, 1 200, 1 100 mm (59.1, 55.1, 51.2, 47.2, 43.3 inch) Rope extension kit, 2 m (6.56 ft)	7ML5711-0AA 7ML5711-1AA 7ML5711-2AA 7ML1830-1KK

Selection and Ordering data	Article No.
Available ex stock For details see page 9/5 in the appendix.	
SITRANS LPS200, compact for up to 80 °C (176 °F), aluminum, with power supply A, process connection C, process pressure 1, process connection material 1, extension length 2, measuring vane A, and approval D	7ML1830-1KG
SITRANS LPS200, compact for up to 80 °C (176 °F), aluminum, with power supply E, process connection E, process pressure 1, process connection material 1, extension length 2, measuring vane A, and approval C	7ML5725-5EE11-2AC0
SITRANS LPS200, compact for up to 80 °C (176 °F), stainless steel, with power supply Q, process connection C, process pressure 1, process connection material 2, extension length 2, measuring vane A, and approval B	7ML5725-6QC12-2AB0
SITRANS LPS200, compact for up to 80 °C (176 °F), stainless steel, with power supply Q, process connection E, process pressure 1, process connection material 2, extension length 2, measuring vane A, and approval A	7ML5725-6QE12-2AA0
<ol style="list-style-type: none"> 1) Available with approval options C and D only, up to 0.5 bar 2) Not available with process connections A, B, D, E, and G 3) Only available with the following configurations 7ML5725-5AC11-2AD0 or 7ML5725-5EE11-2AC0 4) Only available with the following configurations 7ML5725-6QC12-2AB0 or 7ML5725-6QE12-2AA0 5) Available with process pressure options 1 and 2 only 6) Available with process temperature option 1 only 7) Available with process connection options A ... F only, process pressure option 1 and process temperature options 1 and 5 only 8) Available with process connection options C, F, H ... N and Measuring vane options A and B 9) Available with measuring vane options A, C, D, E, H only 10) Add 16 mm (0.63 inch) to extension length 11) Available with extension lengths 2, 3, 4, 5 12) Available with process connection options H ... M only 13) Available with approval option D only 14) Available with power supply options A, C, E, G, J, K, L, N, J1B, J1D, J1E, J2A, J2C only 15) Available up to 250 °C (482 °F). This option does not automatically implement a food conform design. <p>◆ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ◆. For details see page 9/5 in the appendix.</p> <p>► Available ex stock. For details see page 9/5 in the appendix.</p>	

Selection and Ordering data

Order code

Further DesignsPlease add **"-Z"** to Article No. and specify Order code(s).Heating of enclosure¹⁴⁾¹⁵⁾**A35**Signal bulb inserted in M20 cable gland¹⁴⁾**A20**Food grade materials (in contact with process), according to 1935/2004/EC, with FDA conform shaft sealing¹⁶⁾**K01**

Stainless steel tag [100 x 45 mm (3.94 x 1.77 inch)]: Measuring-point number/identification (max. 27 characters); specify in plain text

Y14**Operating Instructions**

Article No.

Multi-language

A5E34210883

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Spare Parts

Motor gear /PLC, multi-voltage

7ML1830-1KG

Replacement vane, boot shape, 35 x 106 mm (1.38 x 4.17 inch)

7ML1830-1KH

Hinged vane, 98 x 200 mm (3.86 x 7.87 inch)

7ML1830-1KJ**Available ex stock**

For details see page 9/5 in the appendix.

SITRANS LPS200, extended for up to 80 °C (176 °F), power supply Q, process connection B, process pressure 1, process connection material 2, extension length 2, extension material B, measuring vane A, and approval 2

7ML5726-5QB12-2BA2

SITRANS LPS200, extended for up to 80 °C (176 °F), power supply Q, process connection C, process pressure 1, process connection material 2, extension length 2, extension material B, measuring vane A, and approval 1

7ML5726-5QC12-2BA1

1) Available with approval options 3 and 4 only and up to max 0.5 bar

2) Not available with process connection options A, C, E

3) Only available with the following configurations 7ML5726-5QB12-2BA2 or 7ML5726-5QC12-2BA1

4) Available with process pressure options 1 and 2 only

5) Available with process temperature option 1 only

6) Available with process connection options A ... E only, available with process pressure option 1 only, and process temperature option 1 only

7) Extension and vane will also change to 316L, only for process connection options B, D, F ... L and vane A

8) Available with measuring vane options A, D, E, H only

9) Available with process pressure option 1 and process temperature option 1 only

10) Available with process connection options B, D, F ... L and vane A

11) Add 16 mm (0.63 inch) to extension length

12) Available with extension length options 2 ... 4 only

13) Available with process connection options F, G, H, J, K only

14) Available with approval option 4 only

15) Available with power supply options A, C, E, G, J, K, L, N, J1B, J1D, J1E, J2A, J2C only

16) Available up to 250 °C (482 °F). This option does not automatically implement a food conform design

18) Available with Extension material Stainless steel, threads 303 option B only

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

▶ Available ex stock. For details see page 9/5 in the appendix.

Selection and Ordering data Article No. Ord. code

SITRANS LPS200, cable extension

Rotary paddle switch for level and material detection in bulk solids.
Cable extension for increased length in top-mounted applications

7ML5727-
- 0

1		
2		
3		
4		
5		
A		
C		
E		
G		
J		
K		
L		
N		
Q		
Z	J 1 B	
Z	J 1 E	
Z	J 2 A	
Z	J 2 B	
Z	J 2 C	
Z	J 2 D	
A		
B		
C		
D		
E		
F		
G		
H		
J		
K		

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

Process temperature

Up to 80 °C (176 °F)

Up to 150 °C (302 °F)

Up to 250 °C (482 °F)

Up to 600 °C (1 112 °F)¹⁾²⁾

Up to 80 °C (176 °F) basic version³⁾

Power supply

230 V AC, 1 rev/min.

230 V AC, 5 rev/min.

115 V AC, 1 rev/min.

115 V AC, 5 rev/min.

48 V AC, 1 rev/min.

24 V AC, 1 rev/min.

24 V DC, 1 rev/min.

24 V DC, 5 rev/min.

Switch selectable 230 V AC/115V AC/

24 V DC multi-voltage, 1 rev/min

48 V AC, 5 rev/min.

24 V AC, 5 rev/min.

Universal Voltage, 1 rev/min.

Universal Voltage, 1 rev/min., fail-safe

Universal Voltage, 5 rev/min.

Universal Voltage, 5 rev/min., fail-safe

Process connection

Threaded

G 1¼" [(BSPP), EN ISO 228-1]

G 1½" [(BSPP), EN ISO 228-1]

1¼" NPT [(Taper), ANSI/ASME B1.20.1]

1½" NPT [(Taper), ANSI/ASME B1.20.1]

Flanged

DN 32 PN 6, EN 1092-1⁴⁾

DN 100 PN 6, EN 1092-1⁴⁾

DN 100 PN 16, EN 1092-1

2" ASME 150 lb B16.5

3" ASME 150 lb B16.5

4" ASME 150 lb B16.5

Selection and Ordering data Article No. Ord. code

SITRANS LPS200, cable extension

Rotary paddle switch for level and material detection in bulk solids.
Cable extension for increased length in top-mounted applications

7ML5727-
- 0

1		
2		
3		
0		
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3		
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A		
B		
C		
D		
E		
F		
G		
A		
B		
C		
D		
E		
F		

Process pressure

Up to 0.5 bar (7.25 psi)

Up to 5 bar (72.5 psi)

Up to 10 bar (145 psi)

Process connection material

Aluminum⁵⁾

Stainless steel, threads 303 (1.4305),
flanges 321 (1.4541)

Cable extension length

Standard cable length, 2 000 mm
(78.74 inch)

Add Order code Y01 and plain text:
"Insertion length ... mm"

500 ... 1 000 mm (19.69 ... 39.37 inch)

Cable length 1 001 ... 2 000 mm
(39.41 ... 78.74 inch)

Cable length 2 001 ... 3 000 mm
(78.78 ... 118.11 inch)

Cable length 3 001 ... 4 000 mm
(118.15 ... 157.48 inch)

Cable length 4 001 ... 5 000 mm
(157.52 ... 196.85 inch)

Cable length 5 001 ... 6 000 mm
(196.89 ... 236.22 inch)

Cable length 6 001 ... 7 000 mm
(236.26 ... 275.59 inch)

Cable length 7 001 ... 10 000 mm
(275.63 ... 393.70 inch)

Without extension¹²⁾

Measuring vane

Boot shaped, 35 x 106 mm
(1.38 x 4.17 inch)⁶⁾

Hinged vane, 98 x 200 mm
(3.86 x 7.87 inch)⁶⁾

Boot shaped, 28 x 98 mm
(1.10 x 3.86 inch)⁷⁾

Rectangular, 50 x 150 mm
(1.97 x 5.91 inch)⁷⁾

Rectangular, 50 x 250 mm
(1.97 x 9.84 inch)⁷⁾

Rectangular, 98 x 150 mm
(3.86 x 5.91 inch)⁷⁾

Rectangular, 50 x 98 mm
(1.97 x 3.86 inch)⁷⁾

Approvals

CSA/FM Dust Ignition Proof, RCM

ATEX II 1/2 D, RCM

CSA/FM General Purpose, RCM, CE

CE, RCM

IEC Ex ta/tb IIIC

EAC Ex ta/tb IIIC Da/Db

Selection and Ordering data

Order code

Further Designs

Please add **"-Z"** to Article No. and specify Order code(s).

Total insertion length:

Enter the total insertion length in plain text description, max. 10 000 mm (393.70 inch)

Stainless steel tag [100 x 45 mm (3.94 x 1.77 inch)]: Measuring-point number/identification (max. 27 characters); specify in plain text

Reinforced cable (max. 28 kN pulling force)⁸⁾

Heating of enclosure⁹⁾¹⁰⁾

Signal bulb inserted in M20 cable gland⁹⁾

Food grade materials (in contact with process), according to 1935/2004/EC, with FDA conform shaft sealing¹¹⁾

Y01**Y14****P01****A35****A20****K01****Operating Instructions**

Article No.

Multi-language

A5E34210883

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Spare Parts

Motor gear /PLC, multi-voltage

7ML1830-1KG

Replacement vane, boot shape, 35 x 106 mm (1.38 x 4.17 inch)

7ML1830-1KH

Hinged vane, 98 x 200 mm (3.86 x 7.87 inch)

7ML1830-1KJ**Available ex stock**

For details see page 9/5 in the appendix.

SITRANS LPS200, cable extension for up to 80 °C (176 °F), power supply Q, process connection B, process pressure 1, process connection material 2, extension length 0, measuring vane A, and approval B

7ML5727-5QB12-0AB0

SITRANS LPS200, cable extension for up to 80 °C (176 °F), power supply Q, process connection C, process pressure 1, process connection material 2, extension length 0, measuring vane A, and approval A

7ML5727-5QC12-0AA0

- 1) Available with approval options C and D up to max. 0.5 bar
 - 2) Not available with process connections A, C, E
 - 3) Only available with the following configurations 7ML5727-5QC12-0AA0 or 7ML5727-5QB12-0AB0
 - 4) Available with process pressure options 1 and 2 only
 - 5) Available with process connections A ... E only, process pressure option 1 only and process temperature options 1 and 5 only
 - 6) Add 16 mm (0.63 inch) to extension length
 - 7) Available with process connections F ... K only
 - 8) Available only for process temperature up to 80 °C (176 °F) and process connection material 2
 - 9) Available with approval option D
 - 10) Available with power supply options A, C, E, G, J, K, L, N, J1B, J1D, J1E, J2A, J2C only
 - 11) Available up to 250 °C (482 °F). This option does not automatically implement a food conform design (food conform gaps and radius)
 - 12) Not available with P01 and available with Approval D, mounting kit for rope extension included
- ◆ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ◆. For details see page 9/5 in the appendix.

SITRANS LPS200, rigid extension		7ML5730-	
Rotary paddle switch for top mount point level and material detection in bulk solids			
Measuring vane			
Boot shaped, 35 x 106 mm (1.34 x 4.17 inch) ¹²⁾	●	A	
Hinged vane, 98 x 200 mm (3.86 x 7.87 inch) ¹²⁾	●	B	
Rectangular, 50 x 150 mm (1.97 x 5.91 inch) ¹³⁾	●	C	
Rectangular, 50 x 250 mm (1.97 x 9.84 inch) ¹³⁾	●	D	
Rectangular, 98 x 150 mm (3.86 x 5.91 inch) ¹³⁾	●	E	
Rectangular, 98 x 250 mm (3.86 x 9.84 inch) ¹³⁾	●	F	
Rectangular, 50 x 98 mm (1.97 x 3.86 inch) ¹³⁾	●	G	
Approvals			
CSA/FM Dust Ignition Proof, RCM	●	1	
ATEX II 1/2 D, RCM	●	2	
CSA/FM General Purpose, RCM, CE	●	3	
CE, RCM	●	4	
IEC Ex ta/tb IIIC		5	
EAC Ex ta/tb IIIC Da/Db		6	

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

Further Designs		
Please add "-Z" to Article No. and specify Order code(s).		
Total insertion length: Enter the total insertion length in plain text description, max. 4 000 mm (157.48 inch)		Y01
Stainless steel tag [100 x 45 mm (3.94 x 1.77 inch)]: Measuring-point number/identification (max. 27 characters); specify in plain text		Y14
Heating of enclosure ¹⁴⁾¹⁵⁾		A35
Signal bulb inserted in M20 cable gland ¹⁴⁾		A20
Food grade materials (in contact with process), according to 1935/2004/EC, with FDA conform shaft sealing ¹⁶⁾¹⁷⁾		K01
<u>Seal at tube end for ingress protection and shaft stability</u>		
Max. temperature 80 °C (176 °F)		P06
Max. temperature 150 °C (302 °F)		P07
Max. temperature 250 °C (482 °F)		P08
Max. temperature 600 °C (1 112 °F)		P09
Sliding sleeve (standard, max. pressure 0.5 bar) ¹⁴⁾¹⁸⁾		P12
Sliding sleeve (pressure tight, for over-pressure application starting from 1 bar max., dependent on pressure option ordered) ¹⁹⁾		P13

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Spare Parts		
Motor gear/PLC, multi-voltage		7ML1830-1KG
Replacement vane, boot shape, 35 x 106 mm (1.38 x 4.17 inch)		7ML1830-1KH
Hinged vane, 98 x 200 mm (3.86 x 7.87 inch)		7ML1830-1KJ

- 1) Available with approval options 3 and 4, up to max 0.5 bar
- 2) Not available with process connections A, C, E
- 3) Available with process pressure options 1 and 2 only
- 4) Available with process temperature 1 only
- 5) Available with process connections A ... E only, with process pressure option 1 and process temperature option 1 only
- 6) Available with process connection options B, D, F ... L and measuring vane option A
- 7) Available with process pressure 1 and process temperature 1 only
- 8) Available with extension length options A ... Q only
- 9) Available with extension length options R ... Y only
- 10) Available with process connection options B, D, F ... L and measuring vane A, process connection material 3. Available only with extension length options P1A ... P1H only
- 11) Only available with seal at tube end options P06 ... P09
- 12) Add 16 mm (0.63 inch) to extension length
- 13) Available with process connections F, G, H, J, K only
- 14) Available with approval option 4 only
- 15) Available with power supply options A,C, E, G, J, K, L, N, J1B, J1D, J1E, J2A, J2C only
- 16) Available when ordered with ingress protection seal options P06 ... P09 only
- 17) Available up to 250 °C (482 °F). This option does not automatically implement a food conform design
- 18) Available with process pressure option 1 only
- 19) Available up to 250 °C (482 °F)