

Selection and Ordering data

Article No.

SITRANS LVS100, standard**7ML5735-**

Vibrating point level switch for high or low level detection of bulk solids. Sensitivity > 30 g/l.

- 0 A 0

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

Input Voltage

DPDT Relay: 19 ... 230 V AC, 19 ... 40 V DC

1

DPDT Relay: 19 ... 230 V AC, 19 ... 40 V DC (stocked version)¹⁾³⁾

2

Process temperature

Up to 150 °C (302 °F)

A

Process connectionThreaded

R 1½" [(BSPT), EN 10226]

A

1¼" NPT [(Taper), ANSI/ASME B1.20.1]

B

R 1½" [(BSPT), EN 10226] DIN 2999 thread, sliding sleeve - min. length 500 mm (19.69 inch)²⁾

C

1½" NPT [(Taper), ANSI/ASME B1.20.1], sliding sleeve [min. length 500 mm (19.69 inch)]²⁾

D

Extension lengthStainless steel 316L (1.4404)

Standard length, 170 mm (6.69 inch)

1 1

Add Order code Y01 and plain text:"Insertion length ... mm"Stainless steel 304 (1.4301)

• 300 ... 500 mm (11.81 ... 19.69 inch)

1 2

• 501 ... 1 000 mm (19.72 ... 39.37 inch)

1 3

• 1 001 ... 1 500 mm (39.41 ... 59.06 inch)

1 4

• 1 501 ... 2 000 mm (59.09 ... 78.74 inch)

1 5

• 2 001 ... 2 500 mm (78.78 ... 98.43 inch)

1 6

• 2 501 ... 3 000 mm (98.46 ... 118.11 inch)

1 7

• 3 001 ... 3 500 mm (118.15 ... 137.80 inch)

1 8

• 3 501 ... 4 000 mm (137.83 ... 157.48 inch)

2 0

Approvals

CSA/FM General Purpose, CE, RCM

A

CSA/FM Class II, Div. 1, Group E, F, G, Class III,

B

ATEX II 1/2 D, RCM

IEC-Ex Ex t IIIC T-- Da/Db IP6X

C

EAC Ex ta/tb IIIC Da/Db

D

¹⁾ Only available with the following configurations 7ML5735-2AA11-0AA0 or 7ML5735-2AB11-0AA0

²⁾ Not available with extension length options 11, 12

³⁾ Input voltage 2 not allowed with extension length 16, 17, 18 or 20

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

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Order code

Further Designs

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

Total insertion length: Enter the total insertion length in plain text description, max. (50 mm increments)

Y01

Signal bulb inserted in M20 cable gland¹⁾

A20

Operating Instructions

Multi-language

Article No.

7ML1998-5FT63

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.

Spare Parts

Replacement Electronics Module LVS100 DPDT Relay (19 ... 253 V AC, 19 ... 55 V DC)

7ML1830-1NS

R 1½" [(BSPT), EN 10226] DIN 2999 thread, sliding sleeve

7ML1830-1NT

1½" NPT [(Taper), ANSI/ASME B1.20.1], sliding sleeve [min. length 500 mm (19.69 inch)]

7ML1830-1NU

¹⁾ Available only with Approval option A