

# Level Measurement

## Continuous level measurement – Ultrasonic transducers

### ST-H

#### Selection and Ordering data

##### EchoMax ST-H ultrasonic transducer

Level measurement in chemical storage and liquid tanks. The narrow design of the ST-H allows the transducer to be mounted on a 2 inch standpipe. Measuring range: min. 0.3 m (1 ft), max. 10 m (33 ft).

##### Process connection

ETFE, 2" NPT [(Taper), ANSI/ASME B1.20.1]

ETFE, R 2" [(BSPT), EN 10226]

ETFE, G 2" [(BSPP), EN ISO 228-1]

PVDF copolymer, 2" NPT [(Taper), ANSI/ASME B1.20.1]

PVDF copolymer, R 2" [(BSPT), EN 10226]

PVDF copolymer, G 2" [(BSPP), EN ISO 228-1]

##### Cable length

5 m (16.40 ft)

10 m (32.81 ft)

30 m (98.43 ft)

50 m (164.04 ft)

100 m (328.08 ft)

##### Approvals

FM Class I, II, Div. 1, C-TICK<sup>3)</sup>

ATEX II 2G, CSA, C-TICK, INMETRO<sup>1)</sup>

ATEX II 2G, C-TICK, INMETRO<sup>2)</sup>

##### Operating Instructions

Quick Start Manual, multi-language

Applications Guidelines, multi-language

Note: The Applications Guidelines should be ordered as a separate line item on the order.

This device is shipped with the Siemens Milltronics manual DVD containing the ATEX Quick Start and Operating Instructions library.

<sup>1)</sup> Available with Process connection options 0 ... 2 only

<sup>2)</sup> Available with Process connection options 3 ... 5 only

<sup>3)</sup> Not suitable for Ketone, Hexane, Ester or Ethyl Acetate atmospheres

#### Article No.

7ML1100-

0 A 0

0

1

2

3

4

5

A

B

C

D

E

2

3

4

#### Article No.

A5E32105880

7ML1998-5HV61

#### Selection and Ordering data

##### Further designs

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

Acrylic coated, stainless steel tag [13 x 45 mm (0.5 x 1.75 inch)]: Measuring-point number/identification (max. 16 characters) specify in plain text

##### Accessories

Universal box bracket, mounting kit

3" ASME, DN 65 PN 10, JIS 10K 3B ETFE flange adapter for 2" NPT

3" ASME, DN 65 PN 10, JIS 10K 3B ETFE flange adapter for 2" BSPT

Easy Aimer 2, NPT with ¾" x 1" PVC coupling

Easy Aimer 2, aluminum with M20 adapter and 1" and 1½" BSPT aluminum couplings

Easy Aimer 304, with stainless steel coupling

Easy Aimer 304, with M20 adapter and 1" and 1½" BSPT 304 stainless steel couplings

#### Order code

Y17

#### Article No.

7ML1830-1BK

7ML1830-1BT

7ML1830-1BU

7ML1830-1AQ

7ML1830-1AX

7ML1830-1AU

7ML1830-1GN