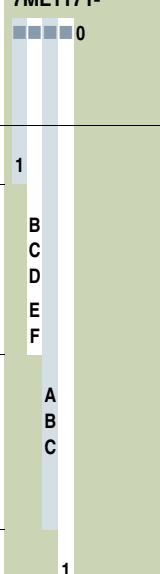


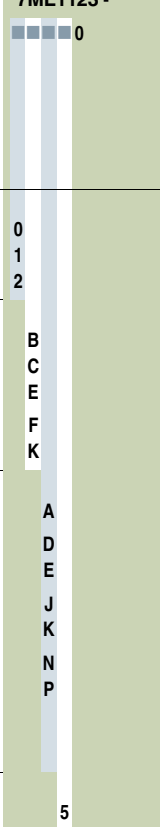
# Level measurement

## Continuous level measurement – Ultrasonic transducers

EchoMax XPS

Selection and Ordering data	Article No.
<b>EchoMax XPS-15F ultrasonic transducer</b> High-frequency ultrasonic transducer designed for a wide variety of liquid and solid applications, for use with approved controllers. Includes integral temperature sensor. Measuring range: min. 0.3 m, max. 15 m	<b>7ML1171-</b> 
<b>Mounting thread and facing</b> 1" NPT [(Taper), ANSI/ASME B1.20.1]	1
<b>Cable length</b> 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)	B C D E F
<b>Mounting flange, flush mount</b> None 6" ASME, 150 lb, flat faced 8" ASME, 150 lb, flat faced (Note: Flange bolting patterns and facings dimensionally correspond to the applicable ASME B16.5, or EN 1092-1, or JIS B 2220 standard.)	A B C
<b>Approvals</b> FM Class I Div. 1	1

Selection and Ordering data	Order code
<b>Further designs</b> Please add "-Z" to Article No. and specify Order code(s).	
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring point number/ identification (max. 27 characters) specify in plain text	<b>Y15</b>
<b>Operating Instructions</b> English 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.	Article No. <b>A5E32725813</b> <b>7ML1998-5HV61</b>
<b>Accessories</b> Tag, stainless steel with hole, 12 x 45 mm (0.47 x 1.77 inch), one text line for fastening on sensors Submergence shield kit Universal box bracket, mounting kit Channel bracket, wall mount Extended channel bracket, wall mount Channel bracket, floor mount Extended channel bracket, floor mount Bridge channel bracket, floor mount (see Mounting Brackets on page for more information) 1" NPT locknut, plastic Easy Aimer 2, with 3/4" x 1" NPT PVC coupling Easy Aimer 304 with stainless steel coupling	<b>7ML1930-1BJ</b> <b>7ML1830-1BJ</b> <b>7ML1830-1BK</b> <b>7ML1830-1BL</b> <b>7ML1830-1BM</b> <b>7ML1830-1BN</b> <b>7ML1830-1BP</b> <b>7ML1830-1BQ</b>  <b>7ML1830-1DS</b> <b>7ML1830-1AQ</b> <b>7ML1830-1AU</b>

Selection and Ordering data	Article No.
<b>EchoMax XPS-30 ultrasonic transducer</b> High-frequency ultrasonic transducer designed for a wide variety of liquid and solid applications, for use with approved controllers. Includes integral temperature sensor. 1½" universal thread compatible with 1½" NPT and R 1½" [(BSPT), EN 10226] Measuring range: min. 0.6 m (1.97 ft), max. 30 m (98.43 ft)	<b>7ML1123 -</b> 
<b>Mounting thread and facing</b> 1½" universal thread 1½" universal thread, foam facing <sup>1)</sup> 1½" universal thread, PTFE facing <sup>2)</sup>	0 1 2
<b>Cable length</b> 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)	B C E F K
<b>Mounting flange</b> None 6" ASME, 150 lb, flat faced 8" ASME, 150 lb, flat faced DN 150, PN 10/16, Type A, flat faced DN 200, PN 10, Type A, flat faced JIS10K 6B JIS10K 8B (Note: Flange bolting patterns and facings dimensionally correspond to the applicable ASME B16.5 or EN 1092-1, or JIS B 2220 standard.)	A D E J K N P
<b>Approvals</b> ATEX II 2G 1D, FM Class I Div 2, SAA	5

- <sup>1)</sup> Not available with flanged versions  
<sup>2)</sup> Available with flanged versions only