

LST300

Compact ultrasonic level transmitter



The most powerful ultrasonic level transmitter in a compact form

Measurement made easy

LST300
Compact
ultrasonic level
transmitter

Introduction

LST300 is the most advanced compact level instrument available. With class leading accuracy and specification typically only found in expensive remote sensor units, LST300 changes the way the world looks at compact ultrasonic transmitters.

LST300 features high temperature range, corrosion resistant design, metal housing, intrinsic safety, advanced diagnostics, false echo filtering and even real time on-screen graphic echo view. The LST300 can be installed in areas where compact instruments were never an option.

LST300 solves many liquid level challenges in liquid storage tanks and liquid processes in a wide range of industries,

including:

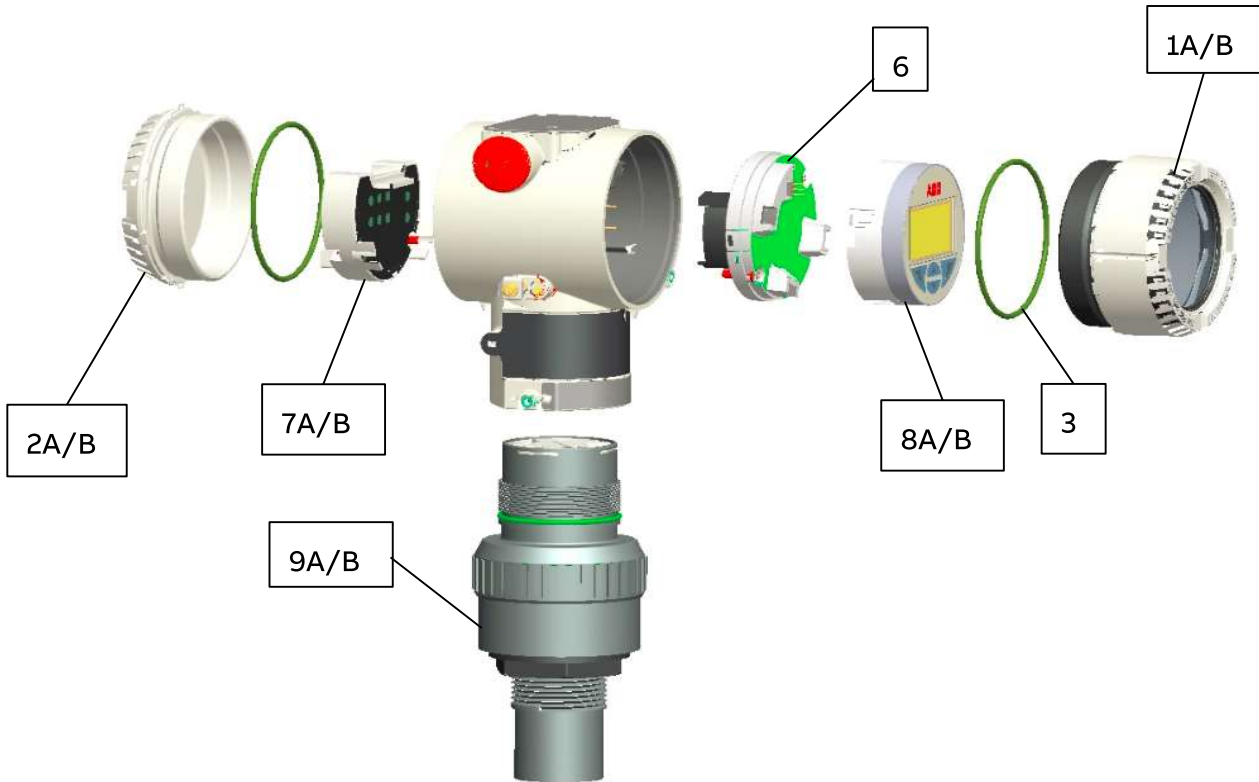
- Water and wastewater
- Chemical and petrochemical
- Power
- Paper and pulp
- Mining and metals
- Food and beverage

For more information


Further publications for the LST300 are available for free download from:
www.abb.com/level
or by scanning this code:



Products Exploded View



Spare parts list of LST300

Item	Part Number	Description	Picture
1A	3KQZ207029U0100	Window Cover Sub-assembly, Aluminum	
1B	3KQZ207030U0100	Window Cover Sub-assembly, Stainless St	
2A	3KQZ207036U0100	Blind Cover, Machined, Aluminium	
2B	3KQZ207037U0100	Blind Cover, Mechined, Stainless Steel	
3	3KQZ207039U0100	O Ring, Common for Blind & Window covers	

4	3KXL065057U0100	Anti-water Pad for 10m 50KHz(C10)	
5	3KXL065057U0200	Anti-water Pad for 6m 75KHz(C06)	
6	3KXL065045U0100	Communication board sub-asy, Hart, LST300	
7A	3KQZ207063U0100	TB sub-assy 3 terminals without surge	
7B	3KQZ207064U0100	TB sub-assy 3 terminals with surge	
8A	3KQZ204001U0000	Display Assembly, Touchscreen	
8B	AU3048B	Meter LCD assembly Mile2	
9A	3KXL065025U0100	Front-End sub-assembly, 50KHZ	
9B	3KXL065025U0200	Front-End sub-assembly, 75KHZ	
10	3KXL065041U0100	Small L-shape bracket assembly, wall mounted	

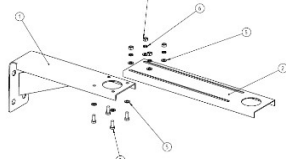
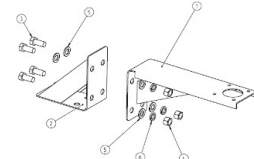
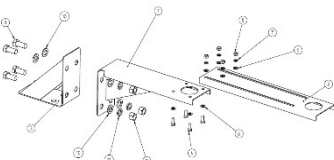
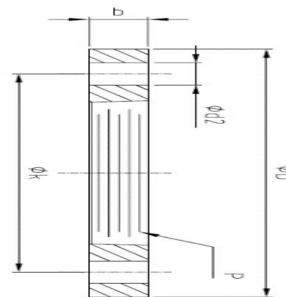
11	3KXL065041U0200	Extendable bracket assembly, wall mounted	
12	3KXL065041U0400	Small L-shape bracket assembly, floor mounted	
13	3KXL065048U0300	Extendable bracket assembly, floor mounted	
14	3KXL065042U0100	Flange, 3 in. ANSI / ASME connection, PVC, 1.5"NPT thread	
15	3KXL065042U0200	Flange, 4 in. ANSI / ASME connection, PVC, 1.5"NPT thread	
16	3KXL065042U0300	Flange, 6 in. ANSI / ASME connection, PVC, 1.5"NPT thread	
17	3KXL065043U0100	Flange, 80 mm connection, PVC, 1.5"NPT thread	
18	3KXL065043U0200	Flange, 100 mm connection, PVC, 1.5"NPT thread	
19	3KXL065043U0300	Flange, 150 mm connection, PVC, 1.5"NPT thread	
20	3KXL065051U0100	Flange, 3 in. ANSI / ASME connection, PVC, 2"NPT thread	
21	3KXL065051U0200	Flange, 4 in. ANSI / ASME connection, PVC, 2"NPT thread	
22	3KXL065051U0300	Flange, 6 in. ANSI / ASME connection, PVC, 2"NPT thread	
23	3KXL065052U0100	Flange, 80 mm connection, PVC, 2"NPT thread	
24	3KXL065052U0200	Flange, 100 mm connection, PVC, 2"NPT thread	
25	3KXL065052U0300	Flange, 150 mm connection, PVC, 2"NPT thread	

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