

Model MLB-600 / MLB-900 / MLB-1500

High pressure, 2 side connections, up to 192 barg

MLB-600, MLB-900 and MLB-1500 acc. to ASME / ANSI

Process specification

Working pressure max. : 167 barg (2421 psi)
 Process temperature : - 45°C to +400°C²⁶
 Specific gravity (S.G.) : min. 650 kg/m³

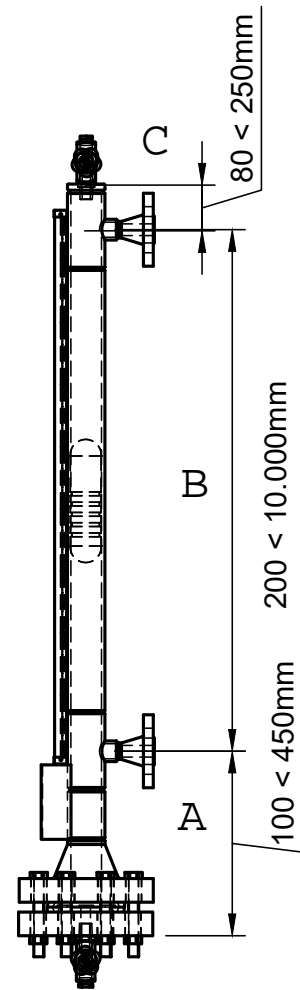
Standard material specifications

Tube²⁷ ODØ 60, 33 x 2,77mm : SS316/316L
 ODØ 60, 33 x 3,91mm : SS316/316L
 ODØ 60, 33 x 5,54mm : SS316/316L

Process connections : SS316/316L
 Plug ½" BSPT or ½" NPT : SS316/316L
 Top cap : SS316/316L
 Indicator flappers red/white : SS316/316L
 Bottom flange : SS316/316L
 Drain flange : SS316/316L
 Float : Titanium grade 2
 Gasket : Graphite or RTJ
 Bolts, nuts and washers : SS304L (1.4104)

Dimensions (mm)

A = 300 standard²⁸
 B = min. 200 to max. < 5700
 C = 100
 D = see table 4



Diameter ASME B16.5	flanges 1/2"	flanges 3/4"	flanges 1"	flanges 1 ½"	flanges 2"	NPTM 1/2"	NPTM 3/4" ²⁹
600#	59	64	69	77	80	OR	OR
900#	67	77	80	90	109	OR	OR
1500#	NA	58	65	74	NA	OR	OR

Table 4

Options:

- Chamber materials lined: 304L, PVC, PP, PVDF, Halar coated or PTFE lined (NON -ATEX)
- Float materials: Stainless steel 316TI (1.4571), Inconel or Monel 400
- Isolation valves
- SS316L scale into (CM, % or inches)
- Switches (SPDT or SPST)
- Transmitter 4-20 mA 2 wires
- Transmitter 4-20 mA with local display
- Insulation Glass fiber (hot applications to + 400°)
- Insulation Armaflex (cold application -45°C)
- Damping springs
- PTFE gasket (low pressure)
- Steam Jacket or heat tracing

²⁶ For Atex zone maximum temperature of < 360°C

²⁷ Tube size depends on the pressure rating

²⁸ Possible from 300mm, depends on the specific gravity

²⁹ Thread connection acc. to ASME B16.11