

Model MLB-10 / MLB-150-1

2 side connections, up to 10 barg

MLB-10 acc. to EN/DIN/ISO and MLB-150A acc. to ASME/ANSI

Process specification

Working pressure max. : 10 barg (145 psi)
 Process temperature : - 45°C to +400°C⁶
 Specific gravity (S.G.) : min. 700 kg/m³

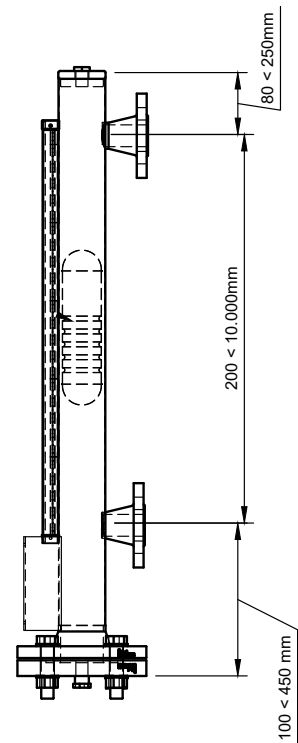
Standard material specifications

Tube ODØ 60,30 x 2,00mm : SS316/316L
 ODØ 60,33 x 2,77mm : 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 : SS316Ti (1.4571)
 Gasket : Graphite or Aramide⁷
 Bolts, nuts and washers : SS304L (1.4104)

Dimensions (mm)

A = 200 standard⁸
 B = min. 200 to max. < 5700
 C = 80
 D = see table 1



Diameter	EN (DIN) ⁹ flanges	ASME (ANSI) ¹⁰ flanges	BSPTM ¹¹	NPTM ¹²
DN15 - 1/2"	68	76	81	81
DN20 - 3/4"	72	83	82	82
DN25 - 1"	72	86	82	82
DN40 - 1½"	78	92	83	83

Table 1

Options:

- Compact design: tube ODØ 40,00 x 2,00mm or 50,00 x 2,00mm
- Chamber materials lined: 304L, PVC, PP, PVDF, Halar coated or PTFE lined (NON-ATEX)
- Drain and vent valves
- PTFE gasket
- SS316L scale (CM, % or inches)
- Switches (SPDT or SPST)
- Transmitter 4-20 mA with local display
- Insulation Glass fiber (hot applications to + 400°)
- Insulation Armaflex (cold application till - 45°C)
- Damping springs
- Float materials: Titanium, Inconel or Monel 400
- Steam Jacket or heat tracing
- Process connections with RTJ Flanges

⁶ For Atex zone maximum temperature of < 360°C

⁷ Depending on the pressure/temperature rating and chemical resistance of the media

⁸ Possible from 140mm, depends on the specific gravity

⁹ Flange dimension acc. to EN1092-1 type 11 PN10/16/40 < DN40 on request

¹⁰ Flange dimension acc. to ASME B16.5 150#RF

¹¹ Thread connection acc. ISO 7-1R

¹² Thread connection acc. ASME B16.11