

Model MLB-40 / MLB-300

2 side connections, up to 40 barg

MLB-40 acc. to EN/DIN/ISO and MLB-300 acc. to ASME /ANSI

Process specification

Working pressure max. : 40 barg (580 psi)
 Process temperature : - 45°C to +400°C²⁰
 Specific gravity (S.G.) : min. 700 kg/m³

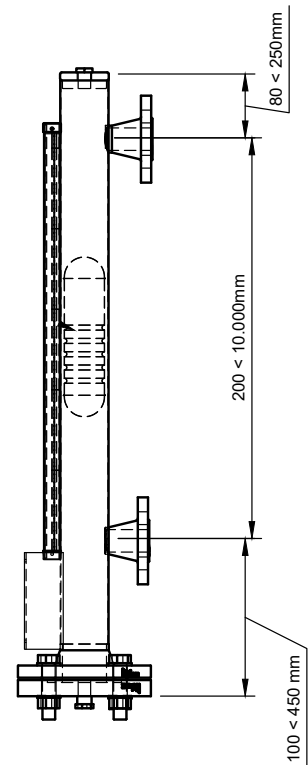
Standard material specifications

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 : SS316/316L
 Gasket : Graphite or Aramid²¹
 Bolts, nuts and washers : SS304L (1.4104)

Dimensions (mm)

A = 200 standard²²
 B = min. 200 to max. < 5700
 C = 80
 D = see table 3



Diameter	EN (DIN) ²³ flanges	ASME (ANSI) ²⁴ flanges	NPTM ²⁵
DN15 - 1/2"	68	76	81
DN20 - 3/4"	72	88	82
DN25 - 1"	72	92	82
DN40 - 1½"	78	100	83

Table 3

Options:

- Chamber materials lined: 304L, PVC, PP, PVDF, Halar coated or PTFE lined (NON -ATEX)
- Float materials: Titanium, 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)

²⁰ For Atex zone maximum temperature of < 360°C

²¹ Depending on the pressure/temperature rating and chemical resistance of the media

²² Possible from 140mm, depends on the specific gravity

²³ Flange dimension acc. to EN1092-1 type 11 PN10/16/40 < DN40 on request

²⁴ Flange dimension acc. to ASME B16.5 300#RF

²⁵ Thread connection acc. to ASME B16.11