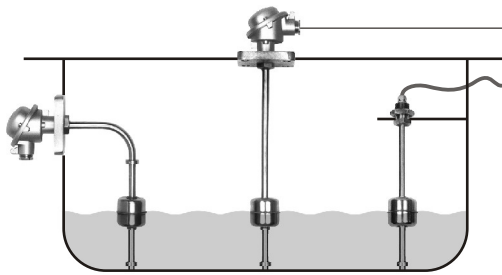
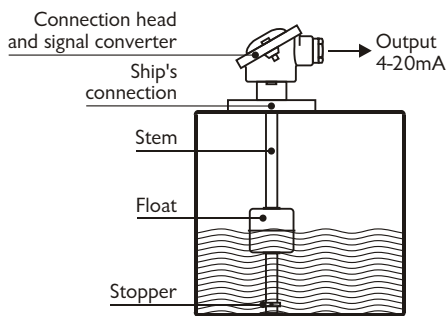


MAGNETIC LEVEL MEASUREMENTS ITMLM



• MAGNETIC LEVEL MEASUREMENTS...

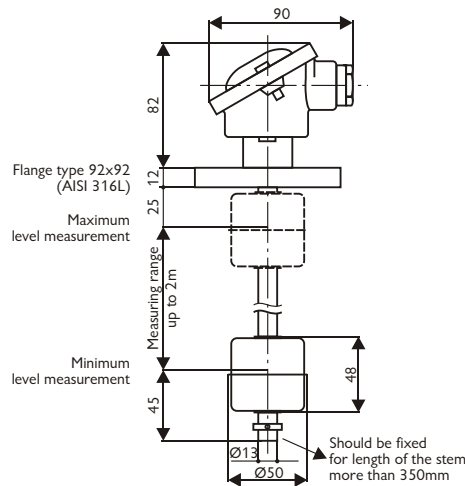
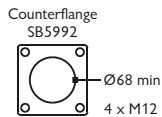
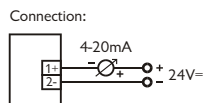
- Continuous level measurement
- Accuracy within 15 mm
- Measuring range up to 2 meters (more on special request only)
- Top or side mounting
- Material used (stainless steel AISI 316L) makes it suitable for use in various liquids



PRINCIPLE OF OPERATION

Resistors network and reed switches are incorporated in the stem. The float with built-in magnet moves with liquid level and activates reed switches. Resistor network changes value due to operation of reed switches. Over signal converter, resistance is converted to analogue signal of 4-20mA. Signal converter is inside of the connection head but can be also delivered in separate box.

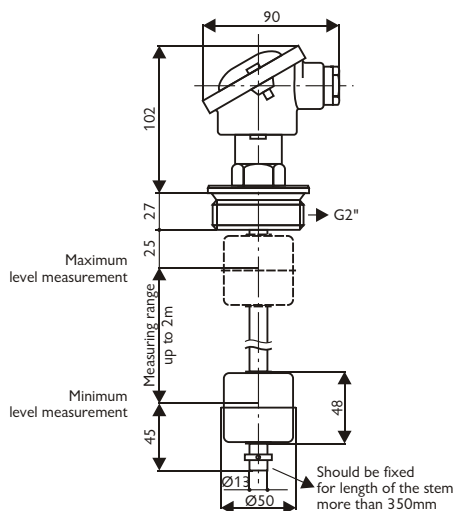
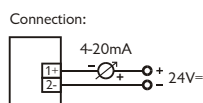
• ITMLM-01-92



TECHNICAL CHARACTERISTICS

- Connection head protection: IP-65 with cable gland PG-16
- Wetside material AISI 316L
- Flange: Standard 92x92 stainless steel AISI 316L
- Temperature range: up to 80°C
- Floating element Ø50x48, floatness 0.55
- Top mounting
- Signal converter inside of connection head
- Resolution within 15mm
- Output 4-20mA

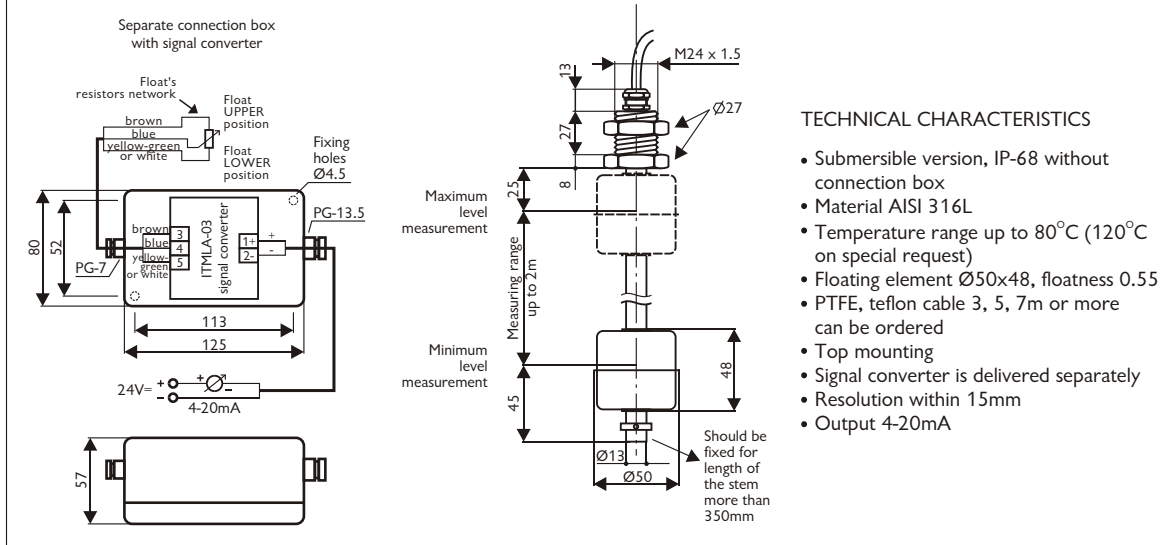
• ITMLM-01-G2"



TECHNICAL CHARACTERISTICS

- Connection head protection: IP-65 with cable gland PG-16
- Wetside material AISI 316L
- Ship's connection G2"
- Temperature range up to 80°C
- Floating element Ø50x48, floatness 0.55
- Top mounting
- Signal converter inside of connection head
- Resolution within 15mm
- Output 4-20mA

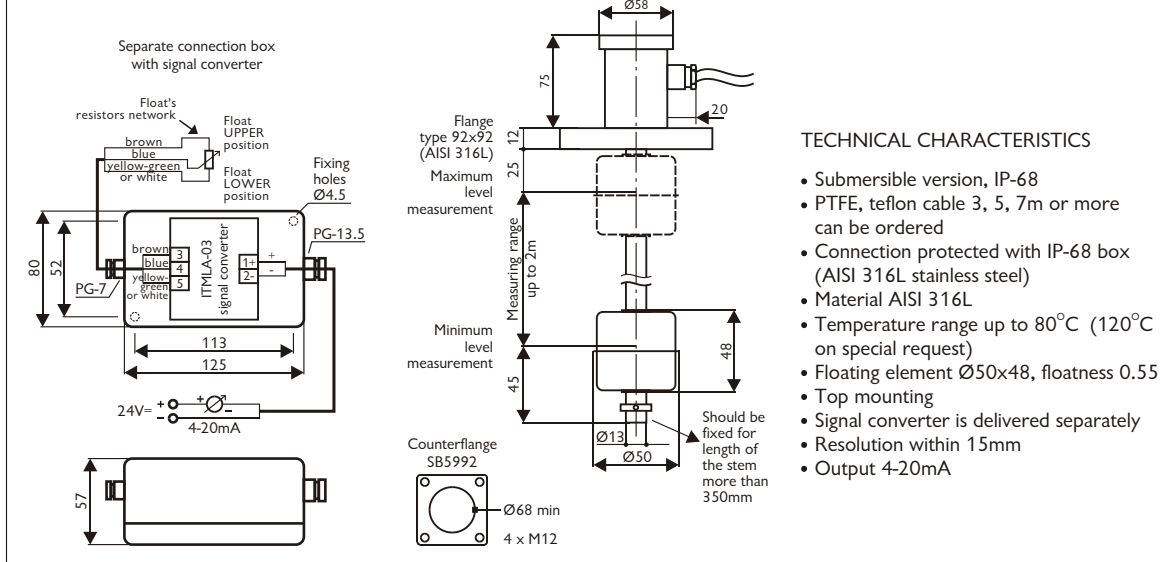
ITMLM-02A-00



TECHNICAL CHARACTERISTICS

- Submersible version, IP-68 without connection box
- Material AISI 316L
- Temperature range up to 80°C (120°C on special request)
- Floating element Ø50x48, floatness 0.55
- PTFE, teflon cable 3, 5, 7m or more can be ordered
- Top mounting
- Signal converter is delivered separately
- Resolution within 15mm
- Output 4-20mA

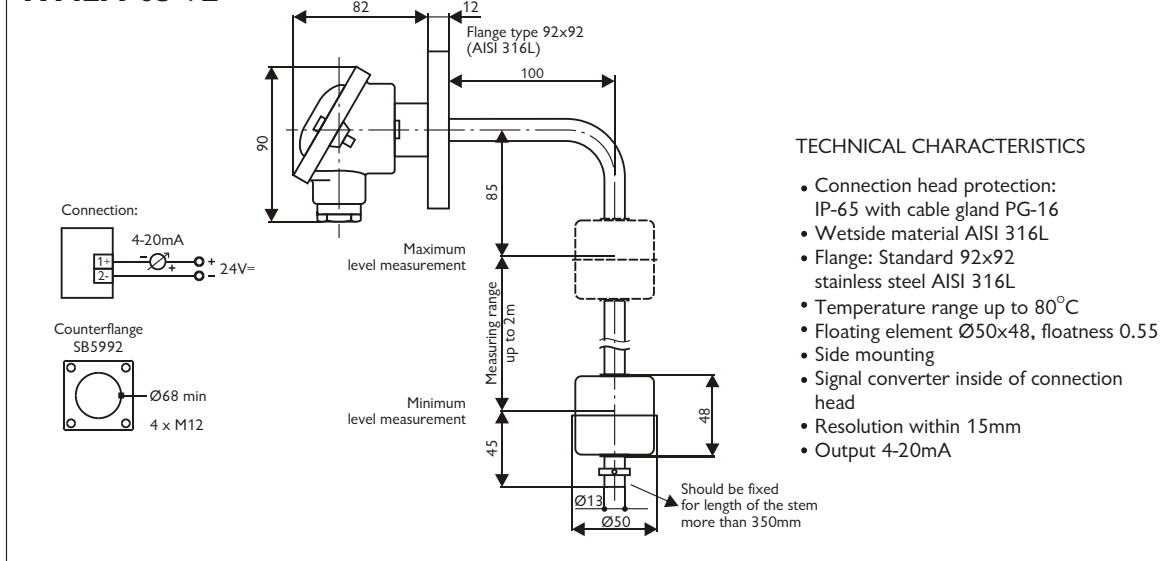
ITMLM-02-92



TECHNICAL CHARACTERISTICS

- Submersible version, IP-68
- PTFE, teflon cable 3, 5, 7m or more can be ordered
- Connection protected with IP-68 box (AISI 316L stainless steel)
- Material AISI 316L
- Temperature range up to 80°C (120°C on special request)
- Floating element Ø50x48, floatness 0.55
- Top mounting
- Signal converter is delivered separately
- Resolution within 15mm
- Output 4-20mA

ITMLM-03-92



TECHNICAL CHARACTERISTICS

- Connection head protection: IP-65 with cable gland PG-16
- Wetside material AISI 316L
- Flange: Standard 92x92 stainless steel AISI 316L
- Temperature range up to 80°C
- Floating element Ø50x48, floatness 0.55
- Side mounting
- Signal converter inside of connection head
- Resolution within 15mm
- Output 4-20mA

All dimensions are in mm.