

# Density measurement

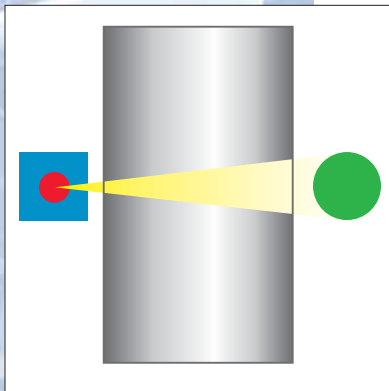
Density measurement of liquids is based on the density changes of the process material which cause a change in the amount of absorption.

Density gauges consist of a source, a scintillation detector, a transmitter and mounting brackets.

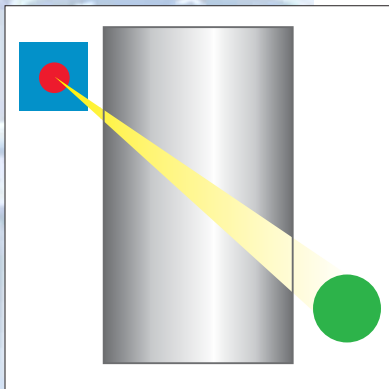
Density gauge is installed on a (isolated) process pipe with mounting brackets or with other external supports. In dirty process conditions, a separate measurement pipe with a durable polymer inside coating is also available.

Density measurement can be carried out from a vessel with a fixed or movable device.

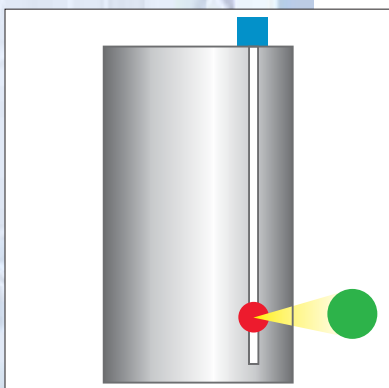
Temperature compensation of the process material (Pt-100 or mA output) is optional with an additional probe.



Density measurement through a process pipe



Density measurement aslant through a small process pipe



Source inside the vessel in a well pipe and detector outside the vessel

