



Flare knockout drum

Reliable

Reliable measurement, independent of process conditions

Cost effective

Ensures effective operation of the equipment

User friendly

Maintenance-free operation

Level measurement in the flare knockout drum

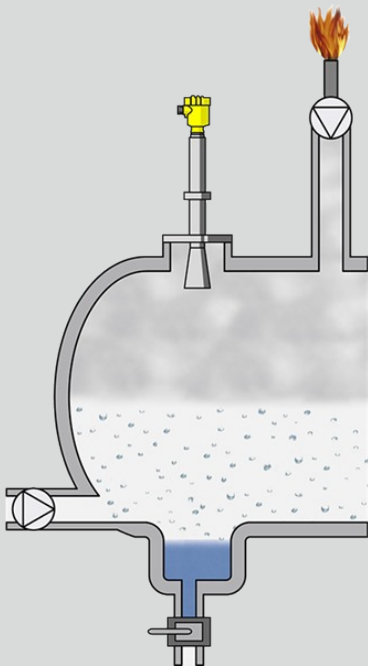
The unrecoverable residues of oil and gas production are collected in the flare knockout drum and liquefied at high pressure. The recovered liquid, the condensate, collects at the bottom of the vessel and is disposed of. The non-liquefied gases are decompressed and burned in the flare system. To ensure efficient and safe operation of the vessel, the level inside must be very reliably measured.



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Level measurement with radar in the flare knockout drum

- Exact measurement, independent of process conditions
- Maintenance-free thanks to non-contact measuring method
- Pressure and temperature stable antenna system of metal and ceramic with graphite seal





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Measuring range - Distance

35 m

Process temperature

-196 ... 450 °C

Process pressure

-1 ... 160 bar

Accuracy

± 2 mm

Version

for separate horn antenna
with ½" standpipe
with horn antenna ø 40 mm
with horn antenna ø 48 mm
with horn antenna ø 75 mm
with horn antenna ø 95 mm
with parabolic antenna ø 245 mm

Materials, wetted parts

316L
Alloy C22 (2.4602)
1.4848
Alloy 400 (2.4360)
Tantalum

Threaded connection

G1½, 1½ NPT

Flange connection

≥ DN50, ≥ 2"

Seal material

FKM
FFKM
graphit and ceramic

Housing material

Plastic
Aluminium
Stainless steel (precision casting)
Stainless steel (electropolished)