

## DENSITY MONITOR TESTING DEVICES



For emission-free disassembly or verification of density monitors

3-1150-R...

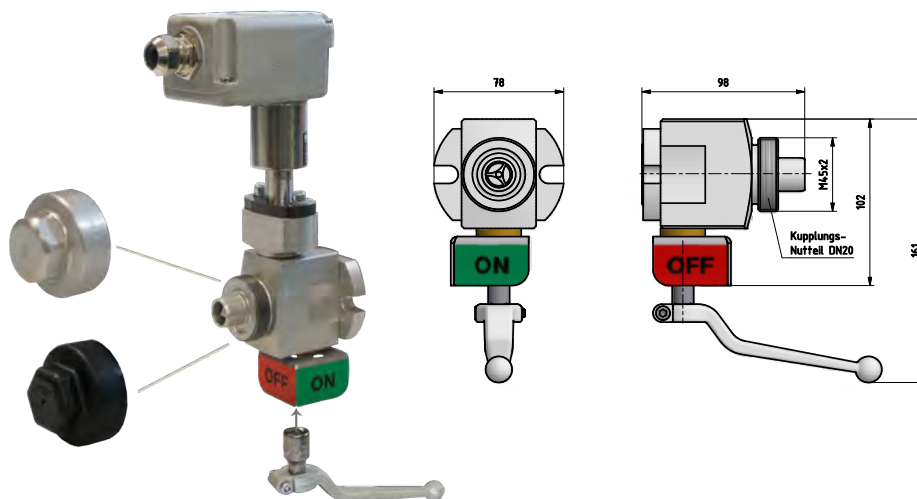
**Lock valve** for density monitors PN16 DN20

Density monitors can be verified directly at the gas compartment or disassembled for external tests without having to recover the gas from switchgear by means of these lock valves. The valve securely separates the assembled density monitor from the gas compartment. In combination with the DensiControl IN (B178R51) density monitor testing device it is also possible to quickly and easily verify the density monitor switching points on switchgear completely free of emissions in accordance with the (EU) 517/2014 directive (F-gas regulation).

For separating the density monitor from the gas compartment just put a lever on the valve and turn it by 90°. The switching position of the valve is indicated by a red/green label.

For connecting the gas compartment different connection are available; the connecting side of the valve is equipped with a connecting coupling DN20. The gas handling can also be carried out via this integrated DN20 coupling – a useful “Two-in-one solution” which is perfectly suited for retrofitting as well.

The 3-1150-R... type is the perfect match for tight installation conditions. If more variety in arranging the density monitors is desired, we recommend the 3-1190-R... version with different connections (see separate data sheet).



Lock valve with mounted density monitor

### Optional accessories at an extra charge:

Lever for ball valve	3-1150-11
Covering cap (aluminium)	VK/KN-04/20 T
Covering cap (plastic)	VK/KN-04/20 PA
Different adapters for density monitor are available on request	

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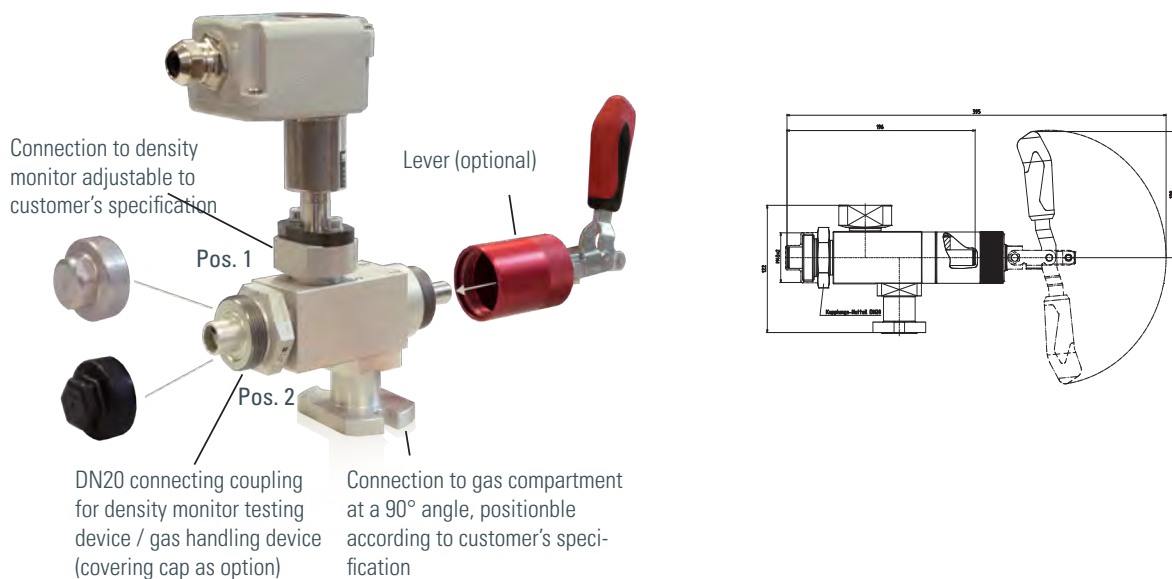
3-1190-R...

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For separating the density monitor from the gas compartment just screw on the separate lever and turn it by 180°.

The user benefits from the design's high variety. Thus, customer-specific connections on the units can be realised. The couplings and density monitor connections can be arranged according to customer's requirements. Furthermore, the complete gas handling can be carried out directly via the integrated DN20 coupling with the lock valve – a useful „Two-in-one solution“ which is perfectly suited for retrofitting.



Connection to density monitor (pos. 1) and connecting coupling (pos. 2) are exchangeable – the positioning is carried out according to customer's requirement!

Optional accessories at an extra charge:

Lever	3-1190-04
Covering cap (aluminium)	VK/KN-04/20 T
Covering cap (plastic)	VK/KN-04/20 PA
Different adapters for density monitor according to customer's specification	

