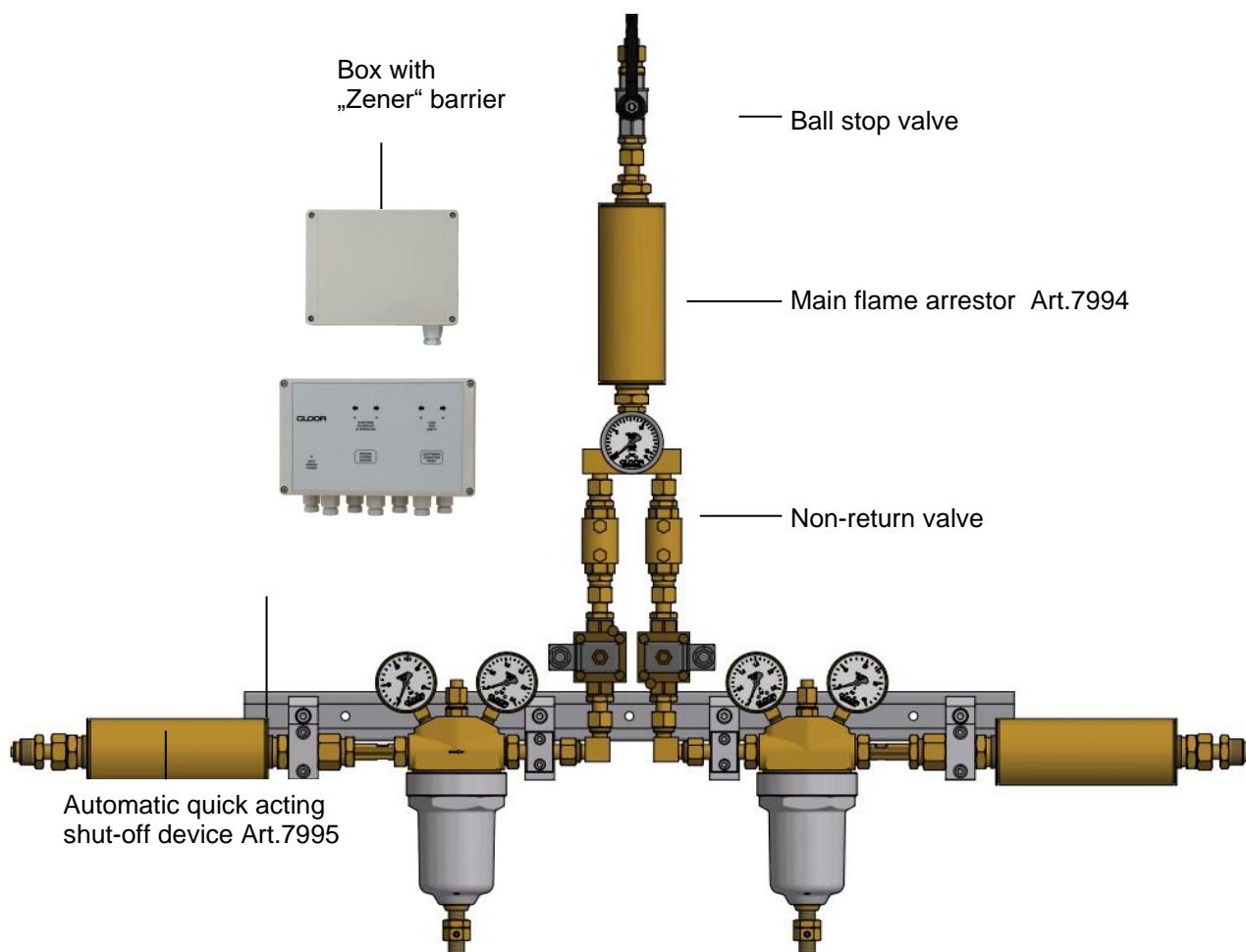


Change-over switching stations for acetylene (according to EN ISO 14114)

According to the norm EN ISO 14114 change-over switching stations for acetylene must dispose of the following safety elements :

- A non-return valve per cylinder or per rack of cylinders
- An automatic quick acting shut-off device each in the high pressure section which closes the acetylene supply of each battery side in the event of an acetylene decomposition
- A non-return valve in the low pressure section
- A main flame arrestor in the low pressure section

This impacts the change-over switching stations as well as the cylinder batteries for acetylene :



The manual (Art. 5181-A-EN, Art. 7981-A-EN) and the automatic change-over switching stations (Art. 5182-A/2-EN-KM, Art. 5182-A/6-EN-KM, Art. 7982-A/2-EN-2KM, Art. 7982-A/2-EN-KM, Art. 7982-A/6-EN-KM) for acetylene include an automatic quick acting shut-off device on each high pressure side, a non-return valve in the low pressure section and as well a main flame arrestor (Art. 7993 for the version with ZD 51, Art. 7994 for the version with ZD 79). Also included is a ball stop valve on the outlet of the change-over switching station.

With the batteries for single cylinders or for cylinder racks, the single cylinder station must be equipped with a non-return valve (Art. 8924-A-W-V-L/R). With several cylinders the collector stations (Art. 8922-A-W-V) and/or the additional cylinder stations (Art. 8923-A-W-V) must be equipped with individual non-return valves.