The PRINCIPLE OF WORK and advices for to adjusting the filling line for ONE-WAY fitting

1. The design of the ONE-WAY fitting with the lock ring (crown) allows you to fill once a drink into the keg and once dispense the drink (by using the filling head), after this operation valve of the fitting will remain in unsealing condition. Therefore after first time when valve is pushed down (during filling process) the closure will remains sealed, but after **second time** when valve is pushed down (during dispense process) and subsequent times, after removing of filling head, **the OW fitting will be in opened condition** and the internal pressure will release through opened valve.
   This pushing on closure – **basic** – means the sealing valve of the OW fitting had been pushed down into a depth of **9 - 12 mm** by piston rod of the filling/ dispense head

2. If on the keg filling line a leak test is performed without pushing on valve of the fitting , then it is necessary to make sure that **during the filling process** the valve had been **full pushed down one time** to the value of **9-12 mm.** If the filling line not reach the specified value during the process, then it must be adjusted to value mentioned previously.

3. If on the filling line have additional stages before filling process, for instance, «leak test» or «pre-pressured by CO2» by operation of pushing down the valve of the fitting, in this case, in this case when these stages is performed, the operator should to reduce the pressing on valve of the fitting to value **4-6 mm**, and on the final stage of filling process (filling by drink), the value of the full pushing down should be adjusted to value **9-12 mm.**

4. After the second «basic» pushing on valve of the fitting, the filling head can be removed for 10 ... 15 minutes, for example, for sanitization. In this time the gas will be released and the pressure will drops in the keg. But when filling keg will be re-connected to the keg and internal pressure will raised by CO2, the beverage can be pouring until the keg will completely empty. Therefore, in time when the filing head is putted on the fitting - the keg will be sealed.

NOTE:

1. At the first pushing down the to the value **more than 13 mm there is a probability that the keg will be not sealed** after disconnection of the filling head.
2. Pushing down the valve of the fitting the to the value **more than 18 mm** may **break the fitting**.
3. All the above values in mm refer to the displacement (movement) of the valve from its initial position. It is important not to confuse with motion of the piston rod or pneumatic cylinder, which performs this operations.