

Excess flow valve Codeiron®

In every facility and storage or transportation tanks of liquefied gas (LPG, anhydrous ammonia, carbon dioxide, etc.) it is important to interlayer excess flow valves in order to prevent possible accidents and large losses caused by broken pipelines.

Excess flow valves allow the passage of liquid or steam in both directions but the flow is controlled in only one direction, as indicated by the arrow on the valve body. If the flow in this direction exceeds a preset value closure takes place.

The excess flow valve will remain closed until the pressure upstream of the valve is equal to the pressure at the outlet.

When the circumstances that caused the overflow, come back to normal, the pressures will equilibrate through a minimum passage allowed by the valve disc and the valve will be reopened. This determines that these valves are not fully closing valves.

The input and output valves of the product tanks should be mounted directly on the couplings or flanges without placing intermediate accessories. Smaller dimension plumbing should never be used with the excess flow valve.

The excess flow valves should be tested before the installation and periodically at intervals not exceeding one year.

According to their application, they are built entirely in brass or stainless steel; in all cases with a stainless steel spring.