










### 3.1 TÜV/CE angle-type safety valves for industrial applications



#### Safety valves Series 460

made of stainless steel, angle-type  
with threaded connections

|             |   |   |   |
|-------------|---|---|---|
| Neutral     |  |  |  |
| Non-neutral |  |  |  |
| Gastight    |  |  |  |
| Bellows     |   |   |   |
| Diaphragm   |   |   |   |

#### MEDIA:

-  LIQUID
-  GAS
-  STEAM

If the high capacity safety valves with their numerous feature variations for standard applications are technically too complex and oversized from a capacity point of view, but a particular emphasis is placed on quality and corrosion resistance, this stainless steel all-round talent is the perfect solution. Whether with or without lifting device, the gas tightness of the spring housing is always guaranteed.



**Threaded connections**  
from G 3/8" to G 1"



**Temperatures**  
from -60 °C to +225 °C







**Pressures**  
from 0.2 bar to 25 bar



#### Safety valves Series 652

made of gunmetal,  
angle-type with threaded connections

|             |  |   |   |
|-------------|--|---|---|
| Neutral     |  |  |  |
| Non-neutral |  |   |   |
| Gastight    |  |   |   |
| Bellows     |  |   |   |
| Diaphragm   |  |   |   |

This safety valve made of gunmetal is an economical alternative to high-performance safety valves, in cases where only small blow-off capacities are required.

The version **652mFK** for neutral liquids is ideal for the protection of pumps and pressure vessel systems, in cases where boiling point is never reached or if no evaporation of the media can occur. A diaphragm protects the moving parts and compression spring against the medium. The version without diaphragm, type **652sGK** is ideal for protecting small compressed air systems. Depending on the sealing material, this valve can be used for neutral, non-toxic compressible media with varying temperatures. Fitted with an EPDM seal, this can be used for steam boilers with a volume of less than 10 liters up to a set pressure of 3 bar.



**Threaded connections**  
from G 1/2" to G 2"



**Temperatures**  
from -60 °C to +200 °C



**Pressures**  
from 1.0 bar to 16 bar