TAVE 2.x

- Combination release valve for automatic thermal release action, combined with another control method.
- Release of one CO₂ one-way bottle with ½” UNF thread (see accessories)
- Suitable thermo bulbs: G5-RWA-68 and G5-RWA-93 (see accessories)
- Maximum operating pressure 80bar
- Nominal bore (free cross section) of valve 4mm
- Nominal bore of piercing needle 2mm
- No destruction of thermo bulb by combination of several control methods
- No tool required for tensioning piercing needle and thermo bulb
- Ambient temperature range: -25°C to +110°C
- CO₂ bottle and thermo bulbs are not included in our supply
- Drawings see data sheet TAVE2.x
- Design of the SHEVS may require reliable venting of the piping.

Types:

TAVE 2.2
Thermal/electrical release valve OPEN
- Thermal release by thermo bulb and electrical remote release of the OPEN function by attached solenoid, 24VDC / 7W, operating mode S1 to DIN VDE 0580 (100% duty cycle). Can be tripped e.g. by the SHE impulse control IS 2 (see Electrical Parts Catalogue, controls)
- For pipe connection of the valve, 2 male connectors 1/8” (e.g. B1-6-1/8) will be required additionally
- VdS approval G597018

TAVE 2.3
Thermal/electrical release valve OPEN with ventilation
- Thermal release by thermo bulb and electrical remote release of the OPEN function by attached solenoid, 24VDC / 7W, operating mode S1 to DIN VDE 0580 (100% duty cycle). Can be tripped e.g. by the SHE impulse control IS 2 (see Electrical Parts Catalogue, controls)
- Integrated priority valve for venting the pipes or connecting an upstream actuation element (e.g. alarm or ventilation valve)
- For pipe connection of the valve, 2 male connectors 1/8” (e.g. B1-6-1/8) will be required additionally
- VdS approval G597018

TAVE 2.4
Thermal/pneumatical release valve OPEN
- Thermal release by thermo bulb and pneumatical remote release of the OPEN function by attached pneumatically operated release unit, minimum release pressure 2bar, maximum operating pressure 80bar
- Integrated priority valve for connecting an upstream actuation element (e.g. alarm or ventilation valve)
- For pipe connection of the valve, 3 male connectors 1/8” (e.g. B1-6-1/8) will be required additionally
TAVE 2.5
Thermal/pneumatical release valve OPEN with ventilation
• Thermal release by thermo bulb and pneumatical remote release of the OPEN function by attached pneumatically operated release unit, minimum release pressure 2bar, maximum operating pressure 80bar
• Integrated priority valve for venting the pipes or connecting an up-stream actuation element (e.g. alarm or ventilation valve)
• For pipe connection of the valve, 3 male connectors 1/8" (e.g. B1-6-1/8) will be required additionally

Options:
F (Française): designed for CO₂ bottles with W21,8 x 1/14" thread. Version for the French market

M18 x 1,5: design for CO₂ bottles with M18 x 1,5 thread

For special types please inquire.