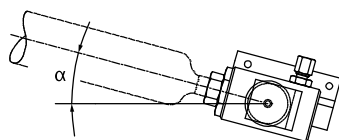


JOFO thermal trigger and control units (TAG ____ ...) with fire detection element

CO₂-bottle without riser pipe

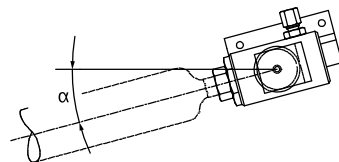


$\alpha = 15 - 30^\circ$

Mounting position 1

Electric and pneumatic remote trigger allowed!

CO₂-bottle with riser pipe



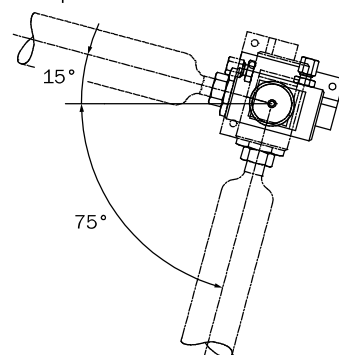
$\alpha = 15 - 75^\circ$

Mounting position 2

Electric and pneumatic remote trigger allowed!

CO₂-bottle with or without riser pipe

For this version 10 % more CO₂ must be implemented.

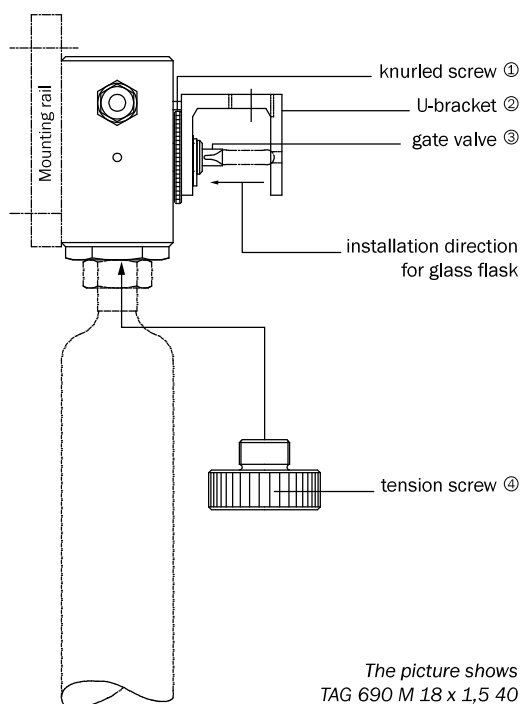


Mounting position 3

No remote trigger possible!

Thermal triggers must be flawlessly be covered by the combustion gases. The prescribed mounting positions should be followed. Only fire detection elements approved by the company JOFO must be used. For repairs only original spare parts may be used.

Instruction



The picture shows
TAG 690 M 18 x 1,5 40

1. For the **first commissioning** the knurled screw ① is fully loosened and the glass bulb is fastened between U-bracket ② and gate valve ③.
2. The clamp screw ④ is fastened in the CO₂-bottle and tensioned jointly with the release force spring.
3. Now the unit can be mounted with the glass bulb. Once the knurled screw ① is tightened firmly onto the valve body, the tensioning screw ④ is dismantled and the CO₂-bottle is mounted.

The **recommissioning** distinguishes itself from the first commissioning only in that the gate valve and the U-bracket must be freed from glass splinters.

Maintenance is performed at least once a year. This includes the visual control of the glass bulb (the air bubble in the glass bulb must not have a greater dimension than 2 – 3 mm) as well as revision of the net weight of the CO₂-bottle (a maximum weight loss of 10 percent is allowed). Furthermore, the maintenance includes the visual check of the deformation of the piercing pin, with at least one triggering – one device per roof – or smoke section surfaces via the fire detection element.

Instructions

We point out that in the case of a bursting disk, the outflowing CO₂ remains in the system or in the TAG. When the TAG type is "vented" the CO₂ can flow out into the atmosphere.

allowed fire detection element	allowed power source	Temperature class
Glass bulbs	CO ₂ -bottle	
68 °C / red	20 – 120 g	-25 °C to +110 °C
93 °C / green		

Remark