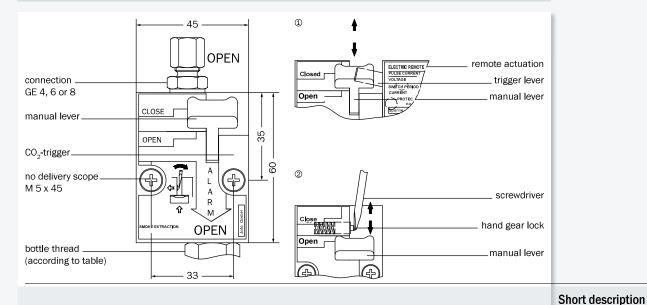# CO$_2$-TRIGGER

Order designation:	CO$_2$-trigger "Open" - (remote trigger) (Si) - cylinder threads
Example:	CO$_2$-trigger "Open" - Ea 24 V M 18 x 1.5

Short description

Optionally with remote trigger (remote triggers are not VdS tested)

When activating the manual lever (manually or via remote trigger) the CO$_2$-bottle is pinched by the opening needle and the energy is released to the respective aggregate. When activated and the bottle is unopened, the lever lock maintains the manual lever in the lower position. If remote trigger is available, the CO$_2$-trigger is triggered electrically (-E), pneumatically (-P) or also by means of a compressed gas (-DE) from an external control point (→chapter 02, page 28, "Remote Trigger-AK"). Here the manual lever of the CO$_2$ activation is triggered by the trigger lever of the remote trigger (see illustration ①).

Operation

1. Remove the used CO$_2$-bottles.

2. Reset the activated trigger units (cylinder, locking cylinder, priority valves, visual displays, etc.). Partially not required for venting operation.

3. Check the intactness of the opening needles, eventually exchange the same and slide these upwards into the basic setting.

4. Spring loaded lever locks are pressed back with a screwdriver (see illustration ②). The manual lever is pressed upwards away from the lever lock. The manual lever must be in the upper position!

→chapter 02, page 25, "Operating Manual CO$_2$-Triggers"

Technical data

medium	CO$_2$ compressed air
max. allowed operating pressure	60 bar
test pressure	90 bar
materials	aluminum, niro, brass, steel galvanized, sealings Perbunan
maintenance	once a year
	(→chapter 02, page 33, "Mounting, Operating and Maintenance Instructions")
ambient temperature	-25 °C to +55 °C

CO$_2$ cylinder threads (exchangeable)

M 20 x 1,5 (Attention! Other needle!)
1/2" - 20 UNF-IA
18 x 1,5
15 x 1,25
10 x 1

Type codes

CO$_2$-triggers with remote trigger
(→chapter 02, "Remote Trigger – AK")

Ea	Electric open pulsed current (e.g. Ea ___V _C)
Ez	Electric close pulsed current (e.g. Ez ___V _C)
EaR	Electric open quiescent current (e.g. EaR ___V _C)
EzR	Electric close quiescent current (e.g. EzR ___V _C)

CO$_2$-triggers with remote trigger
(→chapter 02, "Remote Trigger – AK")

Pa	Pneumatic open
Pz	Pneumatic close
DEa	Compressed gas generator Electric open
DEz	Compressed gas generator Electric open