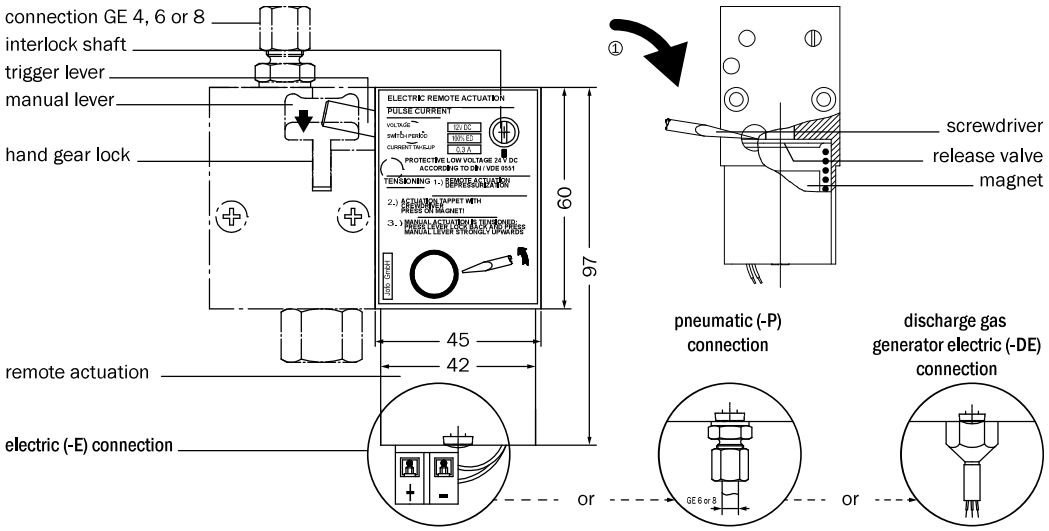
REMOTE TRIGGER-AK

Order designation: CO_2-trigger "Open" - (remote trigger) (Si) - cylinder threads
Example: CO_2-trigger "Open" - Ea 24 V - M 10 x 1



Short description

The " Remote Trigger – AK" is an additional design for CO_2-triggers (→chapter 02, page 27 "CO_2-Trigger"). The remote trigger is activated electrically (-E), pneumatically (-P) or by means of a compressed gas generator (-DE) from an external control site. Upon activation the trigger lever of the remote trigger presses the manual lever of the CO_2 manual trigger.

Operation

1. To make the remote trigger ready for operation, a screwdriver must be pressed into the marked bore on the trigger tappets, so that the magnet can hold the same (please only in upright position, see figure ①). According to the trigger type the following must be prepared:
   a. E-connection: The pulsed current trigger is not subjected to voltage, the quiescent current trigger is subjected to voltage.
   b. P-connection: The pneumatic remote trigger must be depressurized (automatic tension).
   c. DE-connection: The electric compressed gas generator must be exchanged completely.
2. The trigger lever is set into the position ready for operation manual actuation by pushing the manual level of the corresponding actuation upwards (→chapter 02, page 27, "CO_2-trigger").
3. In tensioned conditions the interlock shaft must be engaged. The slot of the interlock shaft is in upright position, or must be adjusted with a screwdriver.
4. Upon the commissioning of the remote trigger it should be assured that the lever of the manual trigger is in the upper position beyond the lever lock.

→see also chapter 02, page 25, "Operating Manual CO_2-Triggers"

Technical data

DC voltages	pulsed current and quiescent current 12, 24, 48 DC and in accordance with VDE 0580 (+ 10 %/- 15 %) continuous
AC voltages	pulsed current 230 V AC
pulsed duration	at least 30 ms
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	-20 °C to +50 °C

Design	Performance DC		AC	Trip force	Order designation (Attention! Only in connection with CO_2-trigger)
E-connection:	3.5 W Pulsed current	1.6 W Quiescent current	15 VA Pulsed current		Work current or quiescent current CO_2-trigger "Open" - Ea(R) ___ V DC or AC - (Si-) Cylinder threads E.g.: CO_2-trigger "Open" - Ea 24 V - M 10 x 1
	12, 24, 48 V		230 V		
P-connection				4 bar	CO_2-trigger "Open" - Pa - (Si-) Cylinder threads E.g.: CO_2-trigger "Open" - Ea 24 V - M 10 x 1
DE-connection	0.6 A / 24 V				CO_2-trigger "Open" - DE - (Si-) Cylinder threads E.g.: CO_2-trigger "Open" - DE - M 10 x 1

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