

# End-Position Switch

(for fire extinguishing generators of types: Dynameco ...-TA08)

**Type: Dynameco TA08-ES-1**

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## 1. General information about function and mounting of the End-Position Switch

This potential-free switch is used as a functional extension for the feedback of the "Released" state of a fire extinguishing generator of types: Dynameco ...-TA08 after its ignition.

For safety reasons, the limit position switch should always be pre-assembled in the factory and with an EMC-suitable connection cable at the seam between the cable and the switching element (see Figure 1). This must then be screwed to the extinguishing generator in the factory-prepared thread on the extinguishing generator. If many vibrations act on the extinguishing generator with Loctite blue or similar.

Furthermore, the stop (Fig. 2), which also serves as a grounding bolt for switching voltages, must be firmly screwed into the extinguishing generator (see Figure 2). The washer is inserted on the stop before screwing in, so that it is placed between the trigger head and the hexagon of the stop. Spring ring and nut are used to secure the cable lug on the top thread of the stop.

Supplied accessories: 1x centering pen  
(see picture 3)                    1x U-disk  
    1x Spring ring  
    1x Hexnut nut  
    1x Cable Lug  
    1x Stop

## 2. Technical Data

Height difference on the fire extinguishing generator:  $\Delta H$  (see Fig. 2)  $\approx 90$  mm  
Weight:                                    approx. 70 g (w/o fire extinguishing generator)  
Length of the connection cable:    2 m (standard)  
P/N:                                         80 676

## 3. Electrical data of the potential-free switching contact

Switching function:                    NO (work current principle)  
Contact loads:                         250 V AC / 1 A; 125 V AC / 3 A; 24 V DC / 2 A  
Contact resistance:                    < 30 m $\Omega$   
Insulation resistance:                 > 500 M $\Omega$  at 500 V DC  
Test voltage:                            1 minute with 1000 V AC (50 Hz)  
Operating temperature range:       -45°C to 110°C

## 4. Data of the HT connection cable

Connection cable:                      AWG 20 (2 x 0.62 mm<sup>2</sup>), shielded, coated white  
Ambient temperature range:         -40°C to +150°C

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Fig. 1

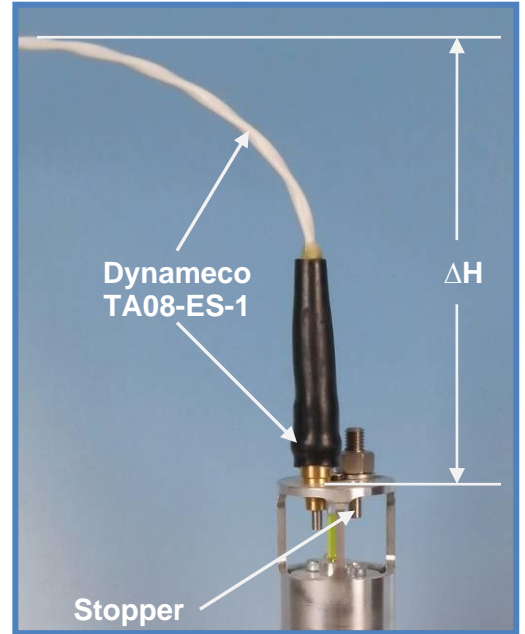


Fig. 2



Fig. 3

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