

Monitoring Switch

for Aerosol Fire Extinguisher Dynameco TA08

Technical Datasheet

Monitoring Switch for Dynameco TA08



Fig. 1

General Information – Intended Purpose:

This potential-free switch is used as a functional extension for the feedback of the status “Released” of a fire extinguishing generator of the types: Dynameco 200/300/2000-TA08 after activation.

By that, alarming and switching of external electrical devices as machines, motors and others is possible with standard equipment used in fire-alarm systems.

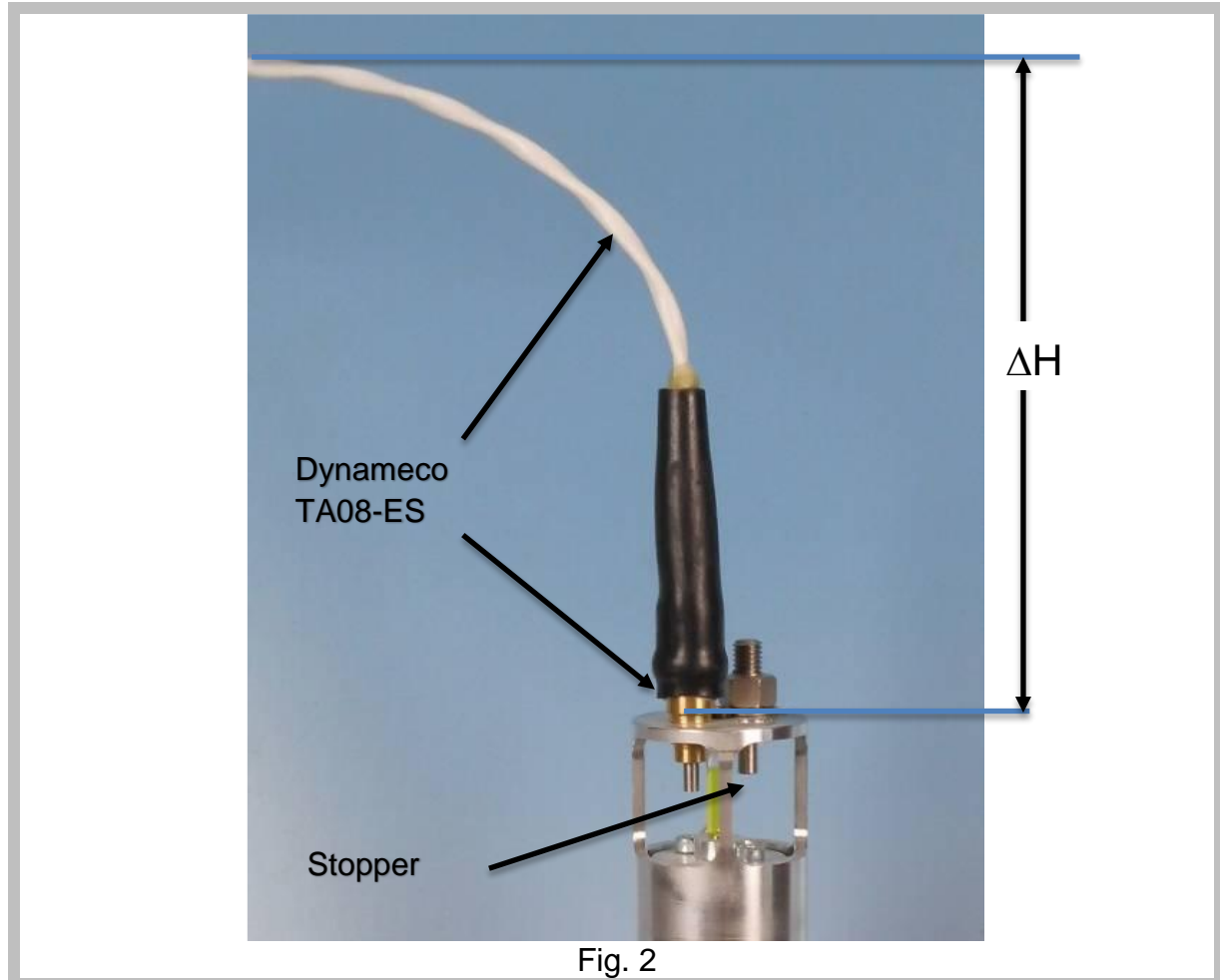
For safety reasons, the end-position switch is always prepared with EMC appropriate connection cable interfaced between the cable and switching element. This interface is dustproof and waterproof by design (see Fig. 1). The monitoring switch must be firmly screwed into the factory-provided thread on the fire extinguishing generator (see Fig. 2). In case of hard vibrations are expected for the fire extinguishing generator, the assembly has to be fixed with glue type blue Loctite or similar!

As well included in the scope of supply is the stopper. That can be used as an earth bolt for switching voltages, if required (see Fig. 2).

Monitoring Switch

for Aerosol Fire Extinguisher Dynameco TA08

ASSEMBLING:



TECHNICAL DATA:

Difference in Height on the Extinguisher:	ΔH (s. Fig. 2) \approx 90 mm additionally
Mass (scope as per fig. 1):	appr. 70g (without Extinguisher)
Connecting Cable Specification:	AWG 20 (2 x 0,62 mm ²), shielded, white jacketed
Length of Cable:	2 m (Standard)
Operating Temperature Range (Cable):	-40°C up to +150°C

Monitoring Switch

for Aerosol Fire Extinguisher Dynameco TA08



Dynamit Nobel Defence

SYSTEM SPECIFIC DATA

Switching Function:	Circuit Breaker (quiescent current principle) Closer on Request
Contact Loads / Switching Capacity:	250 VAC/1 A; 125 VAC/3 A; 24 VDC/2 A
Contact Resistance:	< 30 mΩ
Insulation Resistance:	> 500 MΩ at 500 VDC
Test Voltage:	1 minute with 1000 VAC (50 Hz)
Operating Temperature (Switch):	-45°C up to 110°C