

Technical Data Sheet

Description Dynameco Monitoring Switch

Dynameco - TA08



Dynameco 200-TA08 mit monitoring switch

The Dynameco monitoring switch can be used as an optional system component for activation signalling on thermally activated fire extinguishing generators in the Dynameco-TA08 series.

Using this add-on option it is possible to extend the basically autonomous trigger mechanism in the TA08 series to enable electrical signalling in the event of a fire. This allows an alarm to be set off and/or the shutdown of electrical units, systems, motors etc with normal fire alarm technology.

The monitoring switch is mechanically activated when the extinguishing generator trigger mechanism is flipped forward in the case of activation (when the glass bulb is smashed).

The monitoring switch itself works on the quiescent current principle. This means that a quiescent current which is present when the extinguishing generator is in standby mode is interrupted when the switch contact is opened.

Dynameco Monitoring Switch



Monitoring switch and shrink tubing



Arrangement of monitoring switch on release device



Important:

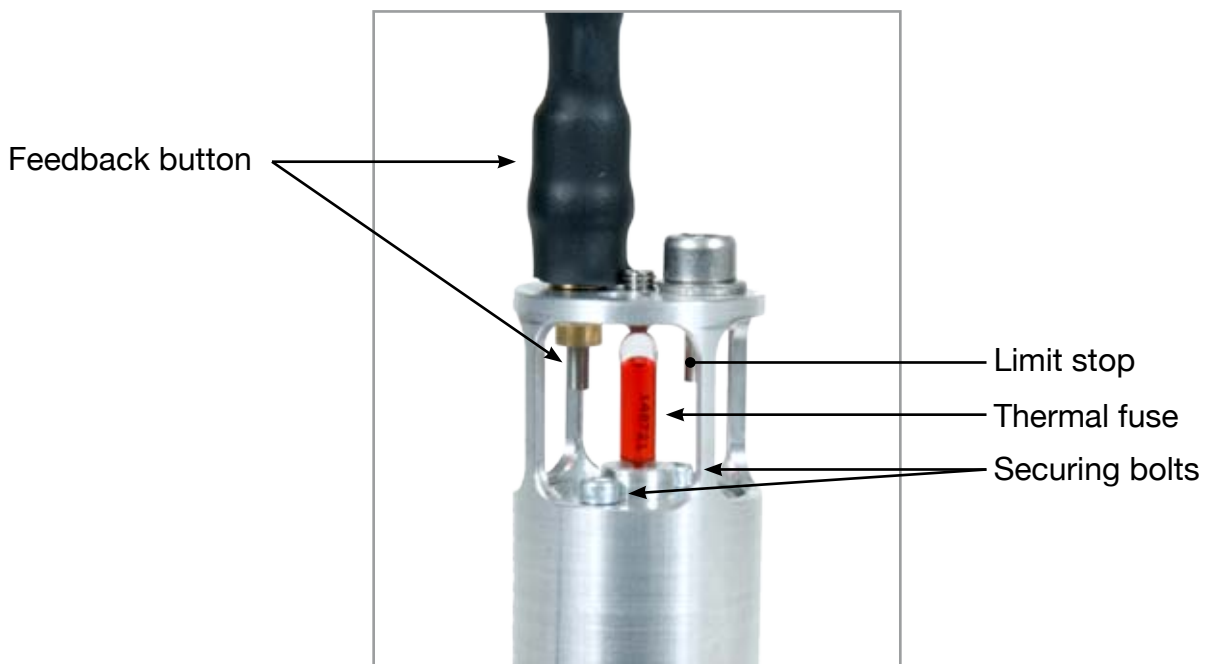
**Never shrink-fit shrink tubing on extinguishing generator using hot air.
The extinguishing generator could be unintentionally activated.**



Important:

Instructions for use of aerosol extinguishing generators with Dynameco thermal trigger must be observed.

Dynameco Monitoring Switch



Detailed view

TECHNICAL DATA

Dimensions:
(incl. Dynameco - TA08 extinguishing generator)

Dynameco 200 TA
Dynameco 300 TA
Dynameco 2000 TA

H = 240 mm, W = 82 mm
H = 320 mm, W = 82 mm
H = 372 mm, W = 202 mm

Switching function:

Contact breaker
(quiescent current principle)

Switching power:

250 VAC, 1A / 125 VAC, 3A / 24 VDC, 2A

Contact resistance:

< 30 mΩ

Insulation resistance:

> 500 mΩ with 500 VDC

Test voltage:

1 minute with 1000V 50 Hz

Operating temperature:

-45°C bis 110°C