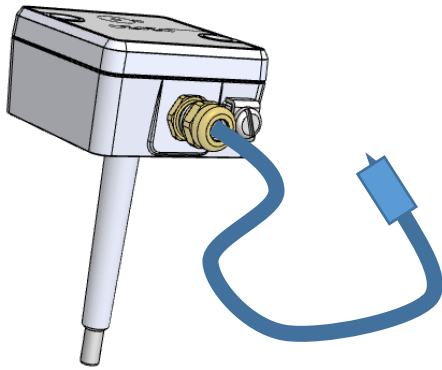


# Technical information

# FT.Nc

Accessory for QT.Nc\_MFD actuators ■ thermal trigger ■ 72°C

## Picture



## Types\*

FT.Nc-72	Fire Trigger 72°C
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\*Others on request

## Technical data

Thermal fuse duct	72°C [0 / -5 K]	irreversibel
Thermal fuse room	72°C [0 / -5 K]	irreversibel

Power supply	via actuator
Electrical connection	M12 Sensor plug

Humidity	0 ... 95 %RH without condensation
Temperature range	T6/T5/T4: -40 ... +125°C

Housing material	High Tech Polymer halogen-, silicon-, PVC free
Screws	Stainless steel
Top foil	PE
Corrosion resistance	On- und Offshore
IP protection	IP66
Seals	EPDM
Maintenance	Maintenance free
Dimensions H x B x T	Ca. 95 x 50 x 70 mm without cable
Cable	FRNC - Flame retardant non corrosive - 1 m
Weight	100 g
Cable entry	M8 brass plated Ø 4-5 mm

Thermal release	acc. to ISO 10294-4
EMC	2004/108/EU Industry class A
LVD	2014/35/EU IEC/EN 61010
Quality Standards	ISO9001, ISO14001, ISO/TS16949

## Application

Areas of application range from the ventilation, fire protection dampers to rotary valves in HVAC, TGA, on-offshore, petrochemical, chemical and pharmaceutical industries.

## Function

The thermal release FT.Nc opens an electrical contact when the triggering temperature is exceeded. The fire damper actuator moves into the safety position by spring. The FT.Nc contains two temperature fuses. If the ambient/duct temperature is exceeded, the temperature fuses will respond. The button can be used to perform a functional check of the safety valve on site. The response of the temperature fuse is thus simulated. A green LED indicates that the sensor is working.

## Highlights

- IP66 protection
- LED status indication
- Test button
- Short circuit protection
- Very good corrosion resistance
- Halogen free

## Mouting

The assembly is carried out with the pre-assembled metal screws on the duct or on the damper wall. During assembly, care must be taken to ensure that the safety elements are free in the airflow.

## Safety Notes



- Installation, electrical connection, maintenance and commissioning may only be carried out by specially trained personnel.
- Avoid excessive mechanical and improper stress.

## Electrical connection

The thermoelectric trip device can be connected directly to the M12 connection. The supply is via the QT.Ex connector with the option ... FD (Fire Damper).

## Dimension

