

STD633



Smoke and Temperature Detector STD 633 is a loop detector and provides:

- Detection system with maximum functionality.
- Maximum operational reliability thanks to intelligent evaluation of measuring chamber signal.
- Permanent internal detector temperature measurement for mapping a temperature profile of the fire alarm system.
- User-defined detector sensitivity.
- Presence/Absence switchover with selectable sensitivities.
- Last service date store.
- Automatic addressing (soft addressing).
- Alarm output for triggering a floating contact in the base or a remote indication.
- Measuring chamber signal and electronics monitored for malfunctions.
- Max. length of loop/line 3000 m when using cable of 0.8 mm² cross-section.
- No electronics in standard detector base.
- Integral anti-theft protection.
- Teach-in mode for ambient conditions and automatic variable sensitivity adjustment (optional).
- Windows-based service, diagnosis and installation software I-Check included, featuring:
 - graphic display of loop/line topology
 - localised short-circuit detection
 - localised earth fault detection (optional)

Informazioni supplementari:

Sensore ottico:

- La camera di misura consiste di un labirinto per la protezione dalla luce esterna, da un LED intermittente e fotodiode (1° canale di misura).
- Detezione di contaminazione attraverso il 2° canale di misura indipendente.
- Adattamento automatico della soglia di allarme in caso di contaminazione.

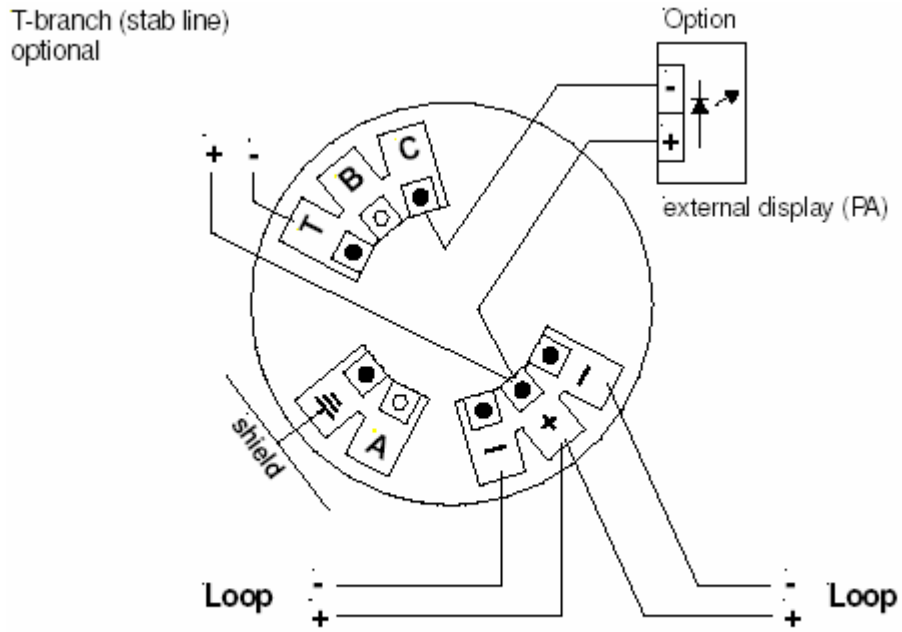
Sensore calore:

- Misurazione di temperatura massima e velocimetrica.
- Misura della temperatura tramite un sensore rapido ed accurato.
- Valore della temperatura ambiente disponibile sulla centrale ($\pm 0.5^{\circ}\text{C}$).
- Interazione programmabile tra sensore ottico e di calore (totale di 5 combinazioni).
- Isolatore di corto circuito integrato.

Detector specification	DIN EN 54-7 DIN EN 54-5
Classes	A1, A1S, A1R, B, BS, BR
Type of connection	2-wire cable
Addressing	max. 126 elements/loop
Power supply	15-30 Vdc via 2-wire cable
Standby current	const. 250 μA up to 30 V
Alarm current	5 mA
Alarm signalling	red LED for alarm yellow LED for malfunction
Alarm output	max. 15 mA
Response sensitivity	< 0.15 dB/m
Trip temperature	60°C
Max. humidity	95%/40°C
Max. air velocity	20 m/s
Operating temperature	-10 to +60°C
Max. area protected	120 m ²
Class of protection (EN 60529)	IP 43
Dims. with base (\varnothing x H)	100 x 44 mm
Weight	90 g.
VdS approval No.	G 205122

In the interest of improving quality and design, Fittich reserve the right to amend specification without giving prior notice

COLLEGAMENTO:



Binder A and B are for free disposal