



DTD-310A

DTD-310A-B

DTD-310A-I

DTD-310A-I-B

Addressable heat Detector

Description

The addressable thermovelocimetric detectors of the new 300 series have been developed using advanced electronic technology to offer a very compact, robust and flexible product while renewing the elegant design of the previous series with a more modern and updated line.

The new range of addressable optical thermovelocimetric detectors is offered with and without isolator and available in black and white versions. As in the previous series, detectors with custom colors are also available.

5 detectors in 1

The 300 series addressable thermovelocimeter expands its flexibility exponentially. Any of the versions listed in this document allows you to select your class (according to EN54-5) by configuring them using the PGD-300 programmer or from the control panel between A1, A1R, A2R, A2S and BS.

EN 54-5	Application temperature	Maximum application temperature	Minimal static response	Maximum static response
A1	25°C	50°C	54°C	65°C
A2	25°C	50°C	54°C	70°C
B	40°C	65°C	69°C	85°C
Suffix R	Detectors with R suffix are ideal in cases where a short response time is required, even from low temperatures			
Suffix S	Detectors with an S suffix or with a static response do not respond below the lowest temperature in class			

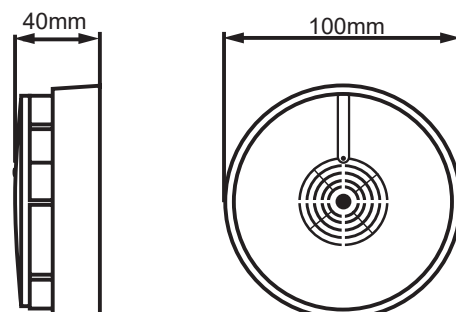
The addressable detectors of the 300 series are fully compatible with the Z-200 bases and any of the Detnov addressable control panels.

Addressable systems employing isolator devices allow for self-addressing.

The detectors of this series without an insulator have no polarity, facilitating error-free wiring.

Features and dimensions

- Renewed and elegant design
- Configurable multiclass: A1, A1R, A2R, A2S and BS.
- 2-wire connection
- 100% compatible with existing systems.
- Directions from 1 to 250 on the loop.
- Timer: Makes maintenance easy as requested in the new RIPCI
- Configurable from PGD-300 (from firmware version 1.17) and from addressable control panel



Applications

Detnov's comprehensive range of detectors in the 300 series enable reliable fire detection thanks to their advanced analysis technology. The extended flexibility of Detnov's addressable 300 series thermovelocimetric detectors makes it possible to apply the most appropriate detection class according to the characteristics of each installation and adjust them according to changes in use and environment.

The Detnov fire detector has been developed to ensure a rapid reaction to fires, meeting the highest quality and certification standards required in the market. Unique reliability in detecting and protecting installations to reduce false alarms, being suitable for the most demanding applications.

Technical characteristics

Detector	
Loop Features:	
Working Voltage:	22 to 36VDC
Resting consumption :	< 200 μ A
Consumption in alarm:	< 1 mA
Connected	
2 x 1.5mm ² cable (braided and shielded according to control panel model) for connection to Z-200 base.	
Environment	
Working temperature:	From -10°C to 60°C
Relative humidity:	95% non-condensing.
IP Index:	IP40
Physical characteristics	
Head (height x diameter):	40 mm x 100 mm
Base (height x diameter):	5 mm x 100 mm
Material:	ABS
Color:	
DTD-310A y DTD-310A-I	White
DTD-310A-B y DTD-310A-I-B	Black
Weight:	70 gr
Certification	
EN 54-7 and EN 54-17 (DTD-310A only EN 54-7)	
DTD-310A & DTD-310A-B Certificate No:	0370-CPR-7618
DTD-310A-I & DTD-310A-I-B Certificate No:	0370-CPR-7617

Accessories



Z-200 & Z-200-B



Z-200-H & Z-200-H-B



STD-200 & STD-200-B



PINTDET



PGD-300C & PGD-300CX



STI-9604



STI-9605