



DTD-310

DTD-310-B

Thermovelocimetric detector conventional

Description

The conventional 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 conventional optical thermovelocimetric detectors is available in black and white versions. As in the previous series, detectors with custom colors are also available

5 detectors in 1

The conventional thermovelocimetric 300 series exponentially expand its flexibility. Any of the versions listed in this document allows you to select its class (according to EN 54-5) by configuring them using the PGD-300 programmer between A1, A1R, A2R, A2S and BS.

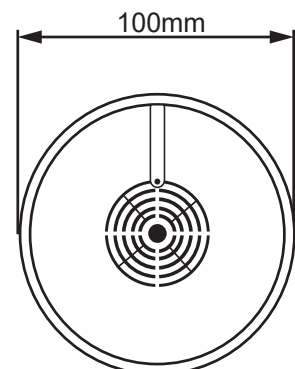
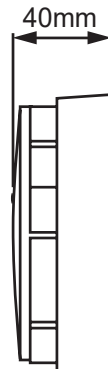
EN 54-5	Application temperature	Maximum application temperature	Minimal static response	Maximum static response
A1	25°C	50°C	54°C	65°C
A2	25°C	50°C	54°C	70°C
B	40°C	65°C	69°C	85°C
Suffix R	Detectors with R suffix are ideal in cases where a short response time is required, even from low temperatures.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

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

The detectors in this series have no polarity, facilitating error-free wiring.

Features and dimensions

- Renewed and elegant design
- Configurable multiclass: A1, A1R, A2R, A2S and BS.
- Connection to 2 wires without polarity
- Compatible with any conventional control panel
- Can be configured via PGD-300 (from firmware version 1.17)
- Timer: Makes maintenance easy as requested in the new RIPCI



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 analogue 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	
Working Voltage:	9 to 38VDC
Resting consumption :	< 300 µA
Consumption in alarm:	< 35 mA
Connected	
2 x 1.5 mm ² braided and shielded connection to Z-200 base	
Environment	
Working temperature:	From -10°C to 70°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
Colour:	
DTD-310	White
DTD-310-B:	Black
Weight:	70 gr
Certification	
EN 54-5	
Certificate number:	0370-CPR-7619

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