TSD-1

The TSD–1 is a point detector designed to detect the early stages of a developing fire. For this purpose, it is equipped with a photoelectric sensor of visible smoke, as well as rate of rise temperature sensor. The unique design of the measuring chamber provides high sensitivity and omni–directionality, while a precise Hexamesh stainless steel filter protects the chamber from ingress of contamination and small insects. Detector configuration with DIP–switches and built–in parametric end of line resistors facilitate connection of the detector to virtually any control panel with a 12 V power supply.

- certified by CNBOP Certified Body for compliance with:
  - EN 54–7 – smoke detection
  - EN 54–5 – heat detection
- unique Swirl chamber for increased smoke sensitivity
- selectable operating mode (smoke, heat, multisensor)
- line type configuration (NO/NC/2EOL) with DIP switches
- precision stainless steel Hexamesh filter
- smoke chamber dirt build–up indicator
- easy installation with detachable base
- compatible with all 12 V alarm panels
- IP code: IP20



Supply voltage	12 V DC
Enclosure dimensions	ø108 x 61 mm
Operating temperature range	-10...+55 °C
Standby mode current consumption	250 µA
Max. current consumption	24 mA
Weight	164 g
Relay contacts rated load (resistive)	40 mA / 16 V DC
Maximum humidity	93 ±3%
Class according to EN 54-5 (heat sensor)	A1R
Minimum static response temperature	54 °C
Maximum static response temperature	65 °C
Environmental class according to EN50130-5	II

The actual appearance of the products may differ from the presented images. Product descriptions are provided in the web service for information purposes only.