

VEGA

LV200

Intelligent Multi-criteria Detector



EN54-5 A1R
EN54-7



0832-CPD-1054

SPECIFICATION

Vega analogue detectors are designed around a fully digital protocol.

The analogue multicriteria addressable detector combines photo electronic based upon the light scattering Tyndall effect through a new and patented detector chamber and thermal sensing element with a very sophisticated algorithm.

A symmetrical smoke chamber guarantees optimal smoke sensitivity from all directions.

The double dust trap protects the smoke chamber from airborne contamination and external light. A special dust compensation algorithm reduce maintenance period.

A single, centrally positioned, thermistor supervises ambient temperature with low thermal inertia.

The detector efficiently analyses the status of the protected area guaranteeing a high rejection to false and unwanted alarms.

FEATURES & BENEFITS

- Designed to meet the requirements of EN54-5 A1R and En54-7
- High reliability and error detection
- Large capacity, up to 240 devices per loop
- Manual addressing via VPU100 hand held programmer
- OEM password protection
- High power availability from loop (>98%),
- Digital checking of double address
- Line quality information
- Day / night operation
- 360° visible red LED driven by the control panel
- Independent remote output driven by the control panel
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TECHNICAL SPECIFICATIONS

Power Supply	15-40 V
Average Current Consumption	I=90 uA
Output driver current Max:20mA	To be controlled by external resistor
LED current consumption	I _{led} =6mA @24V _{dc}
Operating Temperature Range	-30°C / +70°C
Humidity (non condens-ing)	95%
Dimensions	110 x 54 mm