

#### FEATURES & BENEFITS



#### 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.

- Designed to meet the requirements of EN54-5 A1R and En54-7
- High reliability and error detection
- Short circuit isolators in each device
- Large capacity, up to 240 devices per loop
- Auto addressing capability (control panel feature) or manually via a 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 bicolour (red green) LED driven by the control panel
- Independent remote output
- Magnetic test

#### TECHNICAL SPECIFICATIONS

Power Supply	15-40 V
Average Current Consumption	$I=70 \mu\text{A}$
Output driver current	$I_{\text{out}}=6\text{mA} @24\text{V}_{\text{dc}}$
LED current consumption	$I_{\text{led}}=6\text{mA} @24\text{V}_{\text{dc}}$
Operating Temperature Range	-30°C / +70°C
Humidity (non condensing)	95%
Dimensions	110 x 54 mm