40/40M   40/40I   40/40L-LB   40/40L4-L4B   40/40U-UB   **40/40R**

40/40R
Single IR Flame Detectors
A low cost solution in a durable, high spec package

SharpEye™

The new 40/40R Single IR Flame Detector detects hydrocarbon-based fuel and gas fires using advanced flame analysis tools. The detector provides early warning of flaming fires working at 4.5 µm for maximum sensitivity, and immunity to false alarms from IR sources such as sunlight and IR projectors.

The 40/40R is the most durable and weather resistant single IR flame detector currently on the market. Its new features include a heated window, to eliminate condensation and icing; HART capabilities, for digital communications; lower power requirements; and a compact, lighter design.

Due to increased reliability, the 40/40 Series warranty period has been extended to 5 years and is SIL2 (TUV) approved to IEC 61508.

Authorized Distributor:

GasDetectorsUSA.com

Houston, TX USA

832-615-3588

sales@GasDetectorsUSA.com

FEATURES & BENEFITS

• Sensitivity selection

• Automatic and Manual Built-In-Test (BIT) - to assure continued reliable operation

• Heated window - for operation in harsh weather conditions (snow, ice, condensation)

• Multiple output options for maximum flexibility and compatibility
  - Relays (3) for Alarm, Fault and Auxiliary
  - 0-20mA (stepped)
  - HART Protocol for maintenance and asset management
  - RS-485, Modbus Compatible

• High Reliability - MTBF - minimum 150,000 hours

• Approved to Safety Integrity Level 2 (SIL2 – TUV)

• 5-Year Warranty

• User Programmable via HART or RS-485

• Ex approved for Zone 1 hazardous area location
  - ATEX
  - IECEx
  - FM/FMC
  - CSA

• 3rd party Performance Tested
  - EN54-10 (LPCB)
  - FM3260 (FM)

APPLICATIONS

Offshore Oil & Gas installations
Onshore Oil & Gas installations and pipelines
Chemical plants
Petrochemicals plants
Storage Tank farms
Power Generation facilities
Pharmaceutical Industry
Printing Industry
Warehouses
Automotive Industry
Waste Disposal facilities

SPECTREX INC.