UV Flame Detector

40/40U-UB

SharpEye

The new 40/40 UV Flame Detector detects hydrocarbon-based fuel and gas fires, invisible hydrogen flames, and fires from hydrides, ammonia, silane and other organics.

The 40/40U–UB is the most durable and weather resistant UV flame detector currently on the market.

Its new features include a heated window, to eliminate condesation 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.

Note : This type of detector should not be exposed to UV radiation sources such as welding, sparks, and electric as it will cause false alarms.



FEATURES & BENEFITS

- UV spectrum design
- Fast Response-200 msec to flash fire
- Automatic and Manual Built-In-Test (BIT)-to assure continued reliable operation
- Heated window-for operation in harsh weather conditions (snow, ice, condesation)
- 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)
- model 40/40UB only
- 5-Year Warranty
- User Programmable via HART or RS-485





Simulators Up to 9m



U-Bolt/Pole Mount 2" ~ 3" Pipe mounting

Weather Protector Protecting the detector

from rain and snow



Tilt Mount Wall Mount bracket



Laser Pointer Optimizing detector location



Mini Laptop Kit Re-configure settings or perform diagnostics



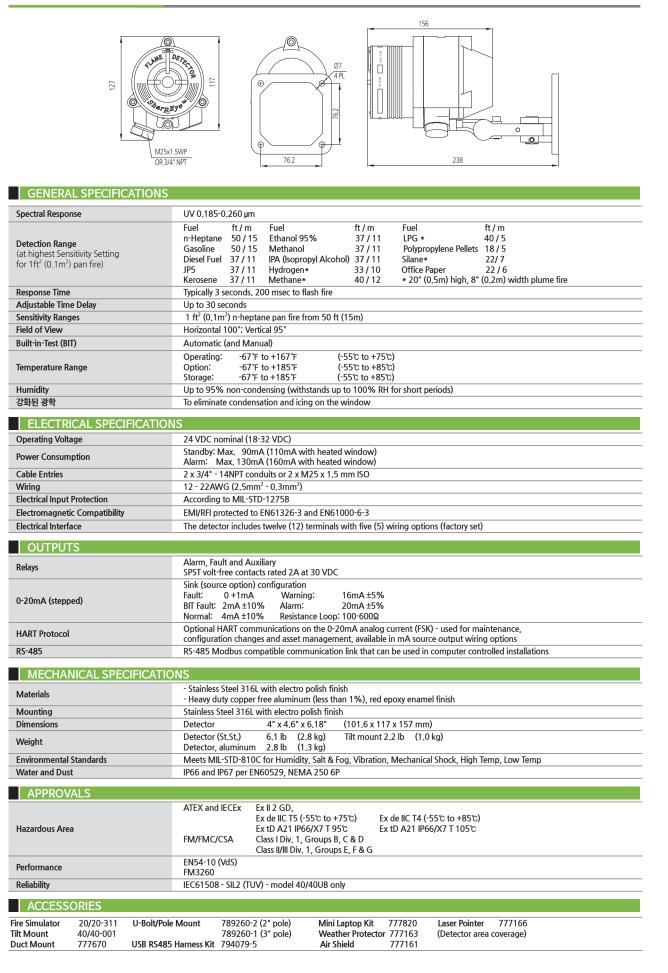
Duct Mount In high temperatures



Air shield Using under tough environmental conditions



USB RS485 Harness Re-configure settings or perform diagnostics



135