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GAS RECEIVING (S.V.) STATION PROTECTION TECHNICAL DATA SHEET

SYSTEM COMPONENTS:

1. Automatic Linear Heat Detection System
2. Dry Powder based Extinguishing System

MAIN FEATURES OF THE LINEAR HEAT DETECTION SYSTEM:

1. World's Best Class 1 Heat Detector.
2. Each millimeter of the sensor tube act as Sensor
3. Can be configured from - 40 C ° to + 160 C°
4. Sensitivity and response behavior can be adjusted according to requirement at site.
5. Fully automatic self-diagnostic feature for no false alarms.
6. High Strength Metallic Sensor tube can be reuse even after several incidents of fires.
7. Parameter Cross zoning facility for rate of rise of temperature & maximum temperature to avoid unwanted discharge of extinguishing system & false alarm.
8. High Resistance to Electromagnetic & Mechanical Interference.
9. Approved and Listed by UL(USA), VDS (GERMANY), EN Standard

TECHNICAL SPECIFICATIONS FOR LINEAR HEAT DETECTION SYSTEM:

Supply Voltage Range	: 10 to 30 VDC.
Sensor tube Length	: 20 – 130 m
Sensor tube Diameter (internal / external)	: 4/5 mm. Approx.
Sensor tube Material	: SS / Cu
Temperature range for sensor tube	: -40°C to +160°C
Ambient Humidity of sensor tube	: 100 % RH
Ambient Humidity of detector box	: 95 % RH
Degree of Protection IEC 529	: IP 65
Casing Dimensions W X H X D	: 160 X 160 X 93 mm
Weight	: 1.7 Kg
Digital output signals	: Potential free contacts For-a) Fire b) Detector fault

TECHNICAL SPECIFICATIONS FOR DCP BASED EXTINGUISHING SYSTEM: MODULE CATERING TO ENTIRE AREA OF GAS RECEIVING STATION

Capacity of each DCP Module	: 100 kg.
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Material of DCP Module	: MS with anti corrosive treatment
DCP Module Working Pressure	: 15 Kg./cm ²
DCP Module Design Code	: ASME SEC VIII DIV I
Pressure Monitoring Switch	: Suitable range to match the requirement
Distance between two Nozzles	: 1.5 Mtr.
Number of Nozzles	: 10-12 Nos.
Material of Nozzles	: SS 304 / Brass Chrome plated
Pipe Manifold Diameter	: 1" NB

