

FIRETRACE

Automatic Fire Extinguisher Systems

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003 - FIRETRACE TERMINOLOGY

<i>Direct Firetrace System:</i>	Discharges extinguishant through tube where rupture occurs.
<i>Indirect Firetrace System:</i>	Discharges extinguishant through pipework and diffusers when tube ruptures.
<i>Low Pressure Systems:</i>	Powder, Foam, FE-36 & Novec 1230. Trace tube pressurised to 10bar
<i>High Pressure Systems:</i>	CO2 & Nitrogen. Trace tube pressurised to 17bar.
<i>End of line Charging Adaptor:</i>	Non-return valve with removable gauge, in line with tube, used for commissioning. A modified version can also be fitted to Isolate valve.
<i>Manual Release:</i>	A manual override for Indirect systems.
<i>Solenoid Actuator:</i>	Non-latching electric actuator for Indirect systems.
<i>Pressure Switch:</i>	Used as a system-monitoring device. Can be linked to alarm or plant shutdown in event of actuation. Can also be modified to indicate system discharge.
<i>Isolate Valve:</i>	Located on side or on top of main valve, only to be opened after system is commissioned. Firetrace system will not operate with isolate valve in closed position.
<i>Trace Detection Tube</i>	6mm OD Red tube located around risk area.. Also available in 6mm clear for high solvent risk areas.