

120# Series MI Thermocouples for Pilot Flame & 150# Series MI Thermocouple extension Cables for use on Flaring Systems

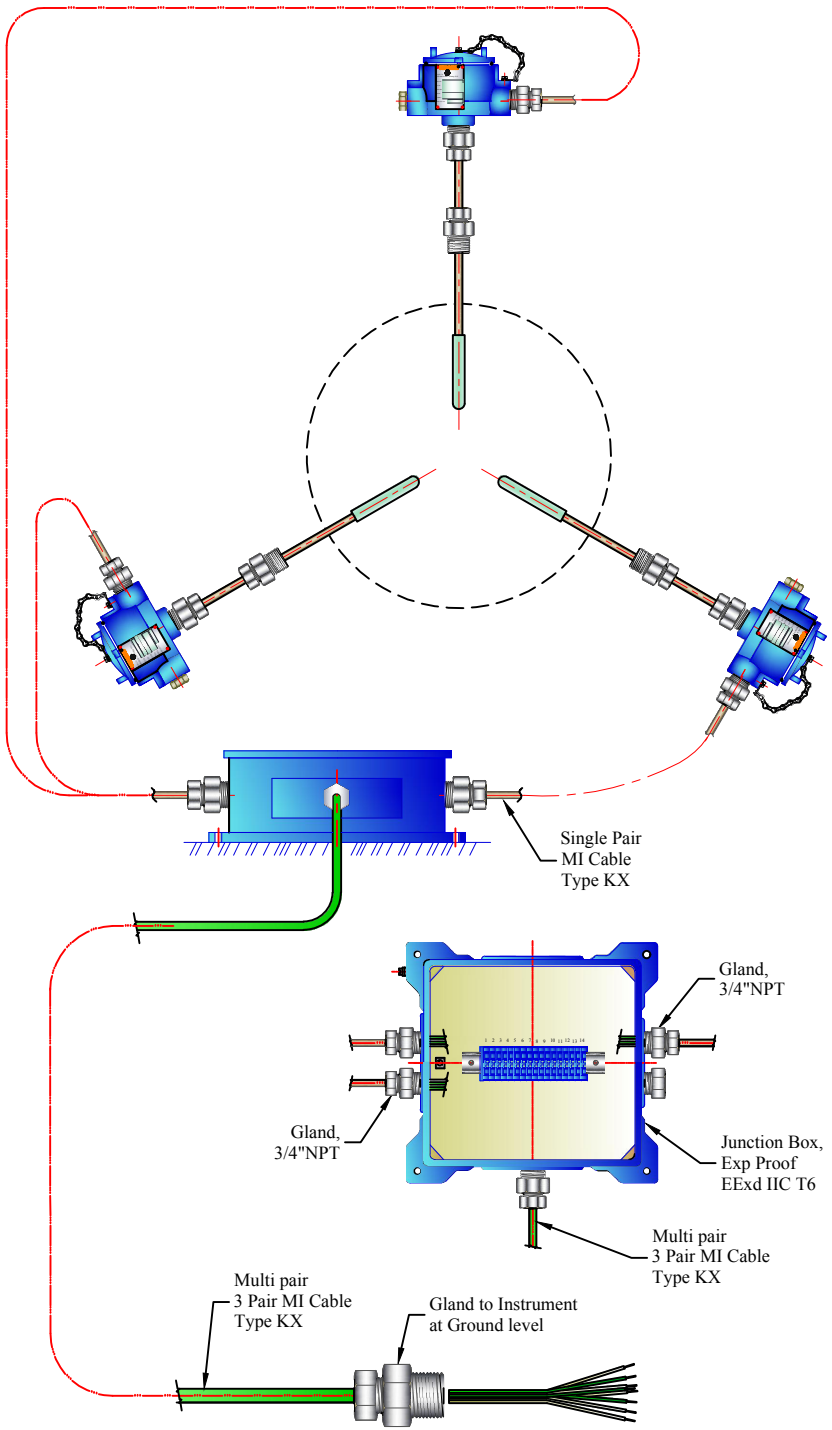
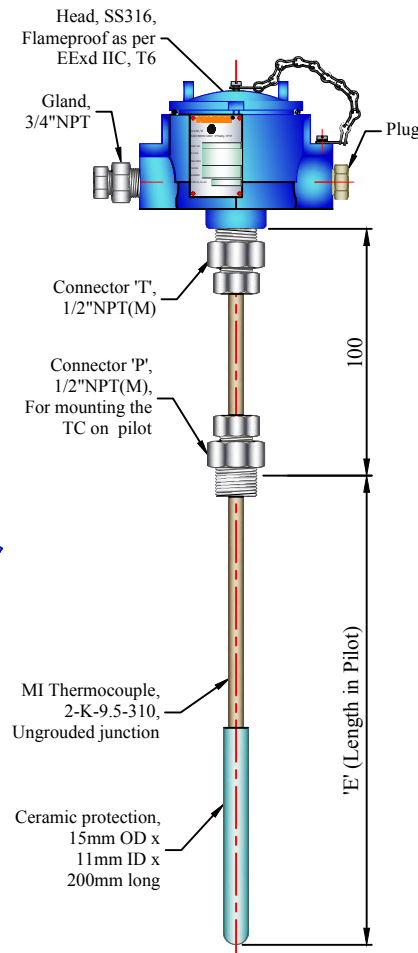
Flare stacks are used in the chemical and petrochemical industry to burn the waste gases, in line with the safety and regulatory requirements. These gases are generally excess gases or flammable unburnt gases which need to be disposed safely to ensure environment protection.

It is essential to monitor the flare stack temperature measurement, for ensuring proper disposal of waste gases. Pyro Electric's 120Series thermocouples are the right option for a rugged mineral insulated thermocouple to deploy on a harsh service such as pilot flame temperature measurement. These thermocouples have to face hot & corrosive conditions, and need to have a reliable product for a longer life. A typical arrangement at the pilot flame location would employ 3 thermocouples 120 degrees apart, and would use a 2 out of 3 logic.

These thermocouples can be supplied with higher wall thickness, higher conductor diameter, and a variety of sheath metallurgy to offer resistance to high temperature corrosion. An additional protection is the use of recrystallized alumina tube at the measuring tip to enhance the temperature withstand.

You can also use Pyro Electric's 150Series Mineral Insulated metal sheathed multi-pair thermocouple extension cable to carry the electrical signal from the Junction box to the lower level of the stack. These metal sheathed cables provide the best ruggedness to sustain higher temperatures, and can be routed easily due to its homogenous construction.

Do write to us at marketing@pyro-electric.in for your flare thermocouple requirements.



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✓ We sense it the best

