MOORE INDUSTRIES WORLDWIDE

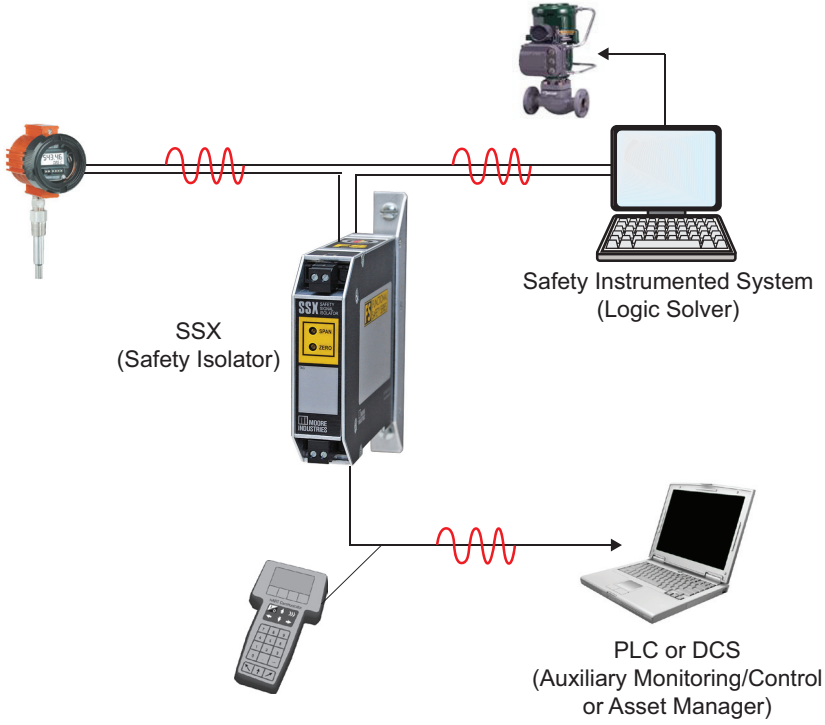
Problem Solvers

Smart HART Transmitters, Monitors and Interfaces

Using the SSX to Isolate Your Safety Instrumented System

Problem: How can I implement a Safety Instrumented Function (SIF) into my Safety Instrumented System (SIS) and still monitor a critical signal or loop within an auxiliary system?

Solution: The exida-approved, SIL 3-capable SSX Safety Signal Isolator provides area isolation between your SIS and auxiliary monitoring system. The SSX is output loop powered, so even if power is removed on the SSX's output side, the SIS loop continues to function with no problems. Moreover, the SSX passes HART signals so critical diagnostic and calibration data can be seen on the output side of the SSX.



Model Number Example
SSX / 4-20mA / 4-20mA / 12-42DC [DIN]

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