



ISB-4

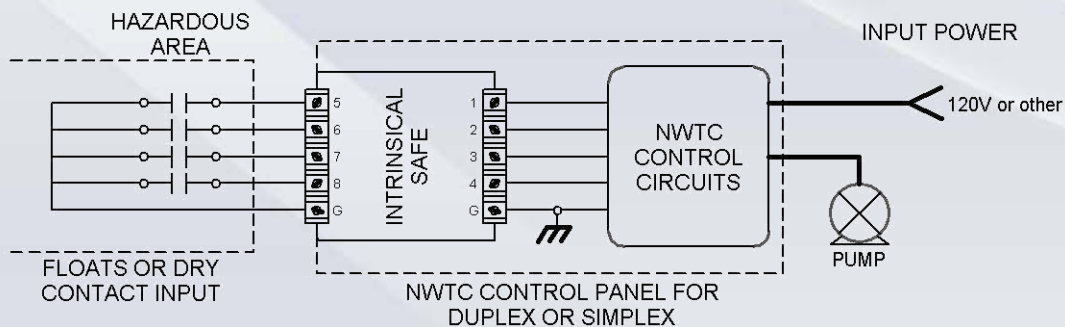
Intrinsically Safe Barrier



Northwest Tech-Con System's Intrinsically Safe Barrier (ISB) is a 4-channel barrier that provides intrinsically safe outputs for level float connections, non-indicative resistive devices, switches, RTD's, input to PLCs and thermocouples for a variety of Class 1 sensors in Group D locations.

Intrinsically Safe is defined as "equipment as wired which is incapable of releasing thermal or electrical energy under normal or abnormal conditions to cause ignition of a specific hazardous atmospheric mixture in it's most easily ignited concentration". This is achieved by limiting power to electrical equipment in hazardous areas to below ignition levels.

MODEL: ISB - 4



SPECIFICATIONS:

4-Channel Input

111.76 mm (4.4") x 60.96 mm (2.4") x 3.175 mm (1-3/8")

Operation Temperature: 10°C + 60°C

Input Voltage via step-down transformer:
12VAC

Approved for Class 1, Div. 1, Group D Hazardous Locations

