

# TURCK

## Process Automation – IS Interface Technology



### Temperature Converters

Temperature measurement is a very common application, even in hazardous areas. The IM34 temperature converting device provides advanced diagnostics, versatility and convenience in an easy-to-use device.

The IM34 will convert a 2, 3 or 4-wire RTD, mV signal, or T/C in a hazardous area, to an analog 0/4-20 mA signal in a non-hazardous area. This pushbutton or software (FDT/DTM, free shareware) configurable unit is simple to use and saves time and money on installations.

This diverse unit allows several different input types to be configured and used with common 0/4-20 mA analog input control cards. Elimination of separate RTD, T/C and mV input cards may consolidate inventory, as well as allow the use of off-the-shelf "Simple Apparatus" components in even the most explosive atmospheres; further reducing costs for installation and maintenance.

Temperature measurement in hazardous areas has never been easier, or as safe, than this.