

## MODEL 5200 - ZENER BARRIER

### FEATURES

- ! For 4~20mA loops
- ! Exib T5
- ! Low Cost
- ! DIN rail mounting

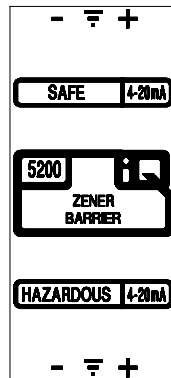
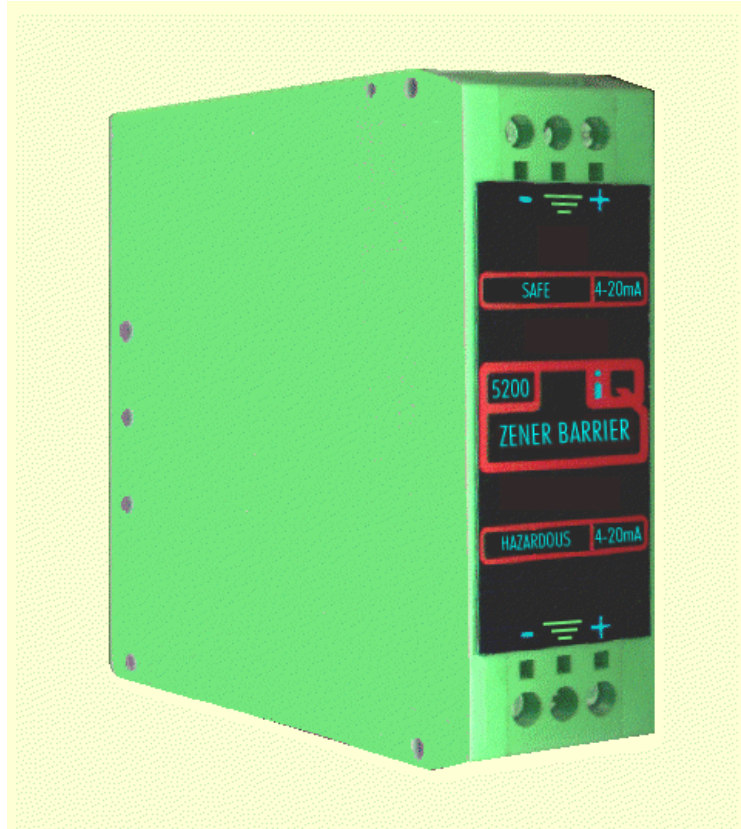
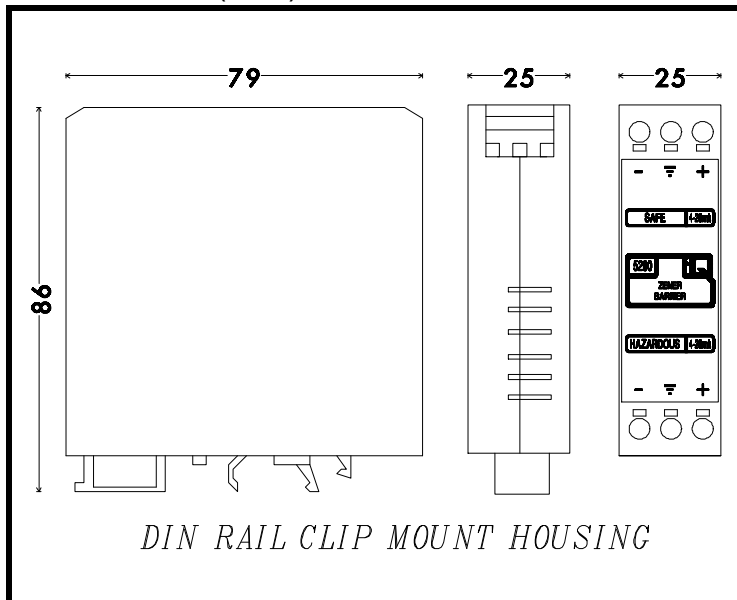
The model 5200 is an economically priced 2-channel barrier designed to provide intrinsic safety in 4~20mA current loops where neither side of the loop is grounded.

This design features a current limiting circuit with a low voltage drop. The guaranteed maximum voltage drop at 20mA is only 6 volts.

This is an ideal partner for our loop powered temperature and vibration transmitters for use in hazardous areas.

The housing mounts on both "U" and "G" type rails.

### DIMENSIONS (mm.)



### SPECIFICATIONS

NOMINAL WORKING VOLTAGE	24V DC
MAXIMUM WORKING VOLTAGE	28V DC
CURRENT LIMIT	36mA Max.
TEMPERATURE LIMITS	-5/+60°C
HUMIDITY LIMITS	0-90% RH non condensing
CERTIFICATION	SABS 549 Exib II T6 $U_o=27.6V$ $I_o=36mA$ $P_o=0.25W$ $C_o=0.15\mu F$ $L_o=25mH$ , $L/R=130\mu H/S$ $U_m=28V$

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