

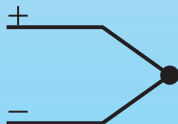


IMACS 8540-1800 Series

The thermocouple input modules provide a single channel of transformer and optically isolated temperature to digital conversion. The modules offer wide nominal input and special over / under range capabilities. The modules also include complete electrical channel to channel isolation which eliminates troublesome ground loop problems.

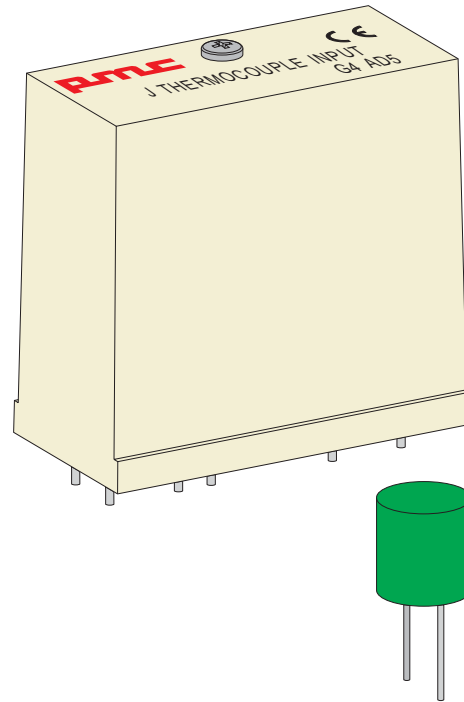
FEATURES

- Cold junction compensation
- Open thermocouple detection
- Input response time of 8.5 ms for 5% of scale change and 165 ms for 63% of scale change
- 12 bits resolution
- 4000 V_{RMS} isolation
- 0 to 70°C operating temperature
- -25 to 85°C storage temperature
- UL recognized
- CSA certified
- CE mark
- Passes NEMA showering arc test [ICS 2-230]
- Meets IEEE surge withstand specification [IEEE-472]



THERMOCOUPLE INPUT MODULES

J Type	8540-1877	G4	AD5
K Type	8540-1880	G4	AD8
R Type	8540-1887	G4	AD17
T Type	8540-1888	G4	AD18
E Type	8540-1889	G4	AD19
S Type	8540-1890	G4	AD23



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