

18ECO134T – Sensors and Transducers

Unit IV : Session 3 : SLO 2

TYPICAL CHARACTERISTICS OF HALL SENSORS

Parameters	Value
Supply voltage	2–4 V
Hall plate sensitivity @100 μ A	310 V/AT
Original Hall plate offset @1V	1 mV
Operating point B _{OP} @27°C	2 mT
Release point B _{OP} @27°C	–2 mT
Hysteresis @27°C	4 mT
Operating temperature range	–40–120 °C