

# Motec

## M MPROX HP230HV

HALL EFFECT PROXIMITY SWITCH SENSOR

- \* INPUT VOLTAGE  $V_{cc}$ : +4.5 TO 24 VDC
- \* INPUT CURRENT:  $I_{cc}$ : 14mA MAX
- \* OUTPUT: OPEN COLLECTOR NPN WITH INTERNAL 4.7K OHM PULL UP
- \* OUTPUT CURRENT: 45mA MAX
- \* TARGET: SOUTH FACING MAGNET
- \* SPEED RANGE: 20kHz MAX
- \* AIRGAP: ~ 0.030" - 0.060"
- \* OPERATING TEMPERATURE: -40 C TO 150 C
- \* VIBRATION: 15G, 10-2000 Hz
- \* HUMIDITY: STEADY STATE: 95% RH WITH CONDENSATION
- \* DIELECTRIC STRENGTH: 150 VRMS

1	DRAIN	-
2	0V	BLACK
3	SIG	WHITE
4	8V	RED

