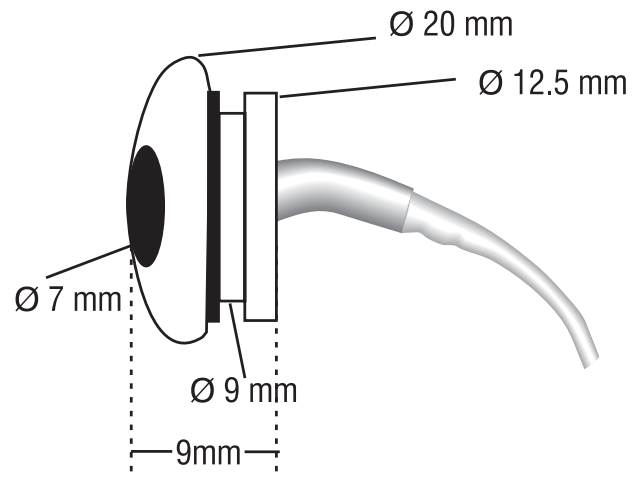


HALL SENSOR FOR PICANOL AIR JET LOOM

OPERATIONAL DATA:

1. DESCRIPTION: Hall Sensor is used in the measurement of RPM of motor at high speed. It is fitted into stator of motor Iro-Prewinder and the magnet is fitted into rotor. Iro-Prewinders are generally used with all Picanol Looms.
2. SWITCHING DISTANCE WITH SOUTH POLE OF MAGNET $\geq 2\text{mm}$
3. HYSTERESIS 3% TO 10%
4. REPEATABILITY 0.01mm
5. AMB. TEMP.RANGE 0 DEG.C. TO 70 DEG.C.



ELECTRICAL DATA:

6. OPERATING VOLTAGE 4.5 V TO 24 VDC
 7. CURRENT CONSUMPTION $< 8\text{mA}$
 8. SINK CURRENT (MAX) 20mA
 9. OUTPUT VOLTAGE (DAMPED) V_{cc}
 10. OUTPUT VOLTAGE (UNDAM.) $0V \pm 0.1V$
- BY APPROACHING MAGNET SOUTH POLE TOWARDS SENSING FACE IN PERPENDICULAR DIRECTION.

ORDERING CODE Eqv. to PICANOL PART NO:

PSMSP01HALL BE - 55189 #

MECHANICAL DATA:

11. HOUSING PLASTIC MOULD
12. MOUNTING PRESSFIT IN'O'RING
13. TERMINATION Cu CABLE PVC INSULATED 3X0.34 Sq.mm.

PROTECTION FEATURES:

14. ENVIRONMENTAL IP65
16. POLARITY REVERSAL NO
17. OUTPUT NO SHORT CIRCUIT PROTECTION

CONNECTION DETAILS:

BROWN	+V
BLACK	OUTPUT
BLUE	0V

Recommended for the application subject to manufacturer's change time to time.

**Please contact factory for different barrel lengths.

Specifications are subject to change without notice.