



Hall IC Non-contact angle sensor

RSM12C

Feature

- Long life (No electrical contact)
20 million cycles.
- Wide operating temp.
- Hollow shaft

Application

- Steering wheel angle detection
- Robotics
- Golf cart
- Lawn mower
- Electric wheel chair
- Amusement machine



Specifications

Operating Temperature Range	-40 to 125
Operating Voltage	5V DC
Current Consumption	11mA max.
Total Rotation Angle	360°
Electrical Travel	140°
Output voltage	0.5V ~ 4.5V DC
Linearity	+/-3%
Rotating torque	1.96 mN.m
Life	20 million cycles min.
Size	11.8 x 13.3 x t= 4.3mm