



Non-contact angle sensor

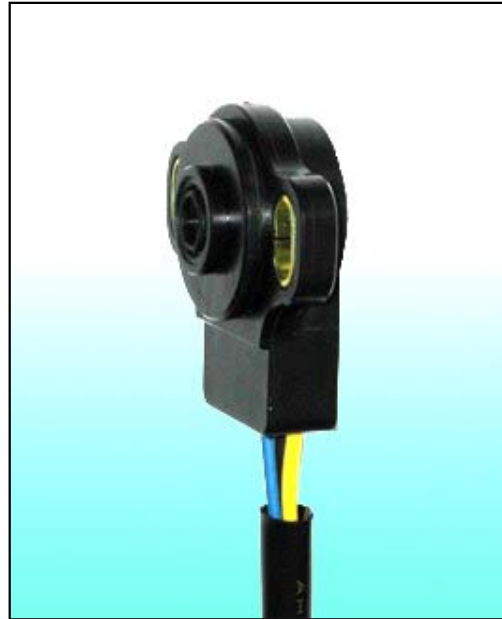
RSM011

Feature

- Long life (No electrical contact)
30 million cycles.
- Wide angle range.
- Hollow shaft
- Water proof (option)

Application

- Steering wheel angle detection
- Robotics
- Actuator
- Valve position detection



Specifications

Item	Unit	Rating
Supply voltage	V	5±0.5
Supply current	mA	≤16 (non load)
Angular range	°	96 60 to 360 (Option)
Absolute linearity	%F. S.	≤1
Output voltage	%Vdd	8 to 92 (0.4~4.6[V] @Vdd=5.0[V])
Operating temp. range	°C	-40 to 125°C
Torque	mN. m	4.9 to 75 (std.)
Hysteresis	°	≤0.5
Rotation life	cycle	30 million
Output Resolution	%Vdd/LSB	(1.25[mV] @Vdd=5.0[V])
Mechanical travel	°	130 360 (Option)
International Protection	-	I P 65 (std.) I P 40 (Option)