

BP1 Series

Rectangular Reed Sensor



BP1 Series rectangular reed sensor is a sensor that can be used as on/off control switch, proximity sensor, motion sensor, position detection sensor etc. This series can be right-side, left-side or down-side cable exit design which is good for most of the applications. Furthermore, BST can provide customized solution for cable and connector according to customer's demand.

BP1 Series rectangular reed sensor is available in Normally open, Normally closed and Changeover form.

Key Features:

No standby power requirement

Multiple magnetic field sensitivity range

High stability, high reliability, high consistency

Customers can customize magnet material, wire, terminal etc

Major application:

Automotive, industrial control, counter

Fitness equipment

Security

Intelligent home appliance

Electrical Data				
Items	Normally Open	Normally Closed	Changeover	Unit
Rated Powe(max)	50	10	10	W
Switch Voltage(max)	200	200	200	V
Switch Current(max)	1	0.5	0.5	A
Carry Current(max)	2.5	1	1	A
Contact Resistance(max)	0.2	0.2	0.2	Ω
Breakdown Voltage(min)	400	250	250	V

Mechanical Data	
Housing Material	PA/PET optional
Housing Form	Rectangular/Screw mount/Flange Mount
Housing Color	Black/White/Red
Cable Material	PVC
Operating Temp	-40°C-80°C

Reference Drawing (Different sizes are available, please contact BST for more sensor information)

