

## BP3 Series

### Metal Reed Sensor



BP3 series metal reed sensor is a solid state and rigid sensor. The metal housing can be brass or stainless steel or aluminum, and this housing is so solid that it can work in harsh environment. The lifetime is long enough even for tough application such outdoor equipment. The metal reed sensor can be either cylindrical or rectangular, and if necessary, BST can apply for explosion proof certificate for customer.

#### 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:

- Outdoor equipment position sensing
- Security door
- Off road vehicle

Electrical Data				
Items	Normally Open	Normally Closed	Changeover	Unit
Rated Powe(max)	100	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	$\Omega$
Breakdown Voltage(min)	400	250	250	V

Mechanical Data	
Housing Material	Stainless steel/Brass/Aluminum optional
Housing Form	Rectangular/Flange mount/Cylindrical/Threaded(M6,M8,M10,M12 etc)
Housing Color	Black/Silver/Yellow
Cable Material	PVC
Operating Temp	-10°C-70°C

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

