

PRX+1500



PRX+1500

Ultraminiature Reed Sensor

Electrical Characteristics @ 25 °C

Contact form		A
Contact rating max.	W / VA	1
Switching voltage max.	VDC	30
	VAC	30
Switching current max.	A	0.05
Carry current max.	A	1
Breakdown voltage min.	VDC	200
Total resistance max. (initial)	mΩ	1000
Insulation resistance min.	Ω	10 ¹¹

Features

- High temperature resistance
- Not ESD sensitive
- Various sensitivity ranges available
- Customized types available

Magnetical Characteristics (of unmodified Reed Switch) @ 25 °C

Pull in range available	AT	10 - 25
Drop out min.	AT	3
Test coil	TC -	091
Test equipment tolerance	± AT	1

Operating Characteristics (of unmodified Reed Switch) @ 25 °C

Switching frequency max.	Hz	700
Resonant frequency typ.	Hz	10000
Operate time max. (incl. bounce)	ms	0.2
Release time max.	ms	0.1

Approvals

RoHS

REACH

Environmental Characteristics

Operating temperature	°C	-40 to + 125
Vibration (50-2000 Hz)	g	15
Shock (1/2 sin 11 ms)	g	75

Ordering Information

Packing Unit	200 pcs
Weight per piece	0.52 g
Weight per package	120 g
Standard AT Ranges	

- 1= 10 to 15 AT
- 2= 15 to 20 AT
- 3= 20 to 25 AT

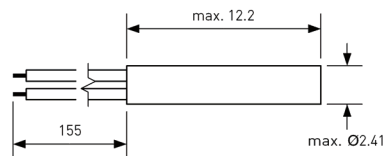
Ordering Example

PRX+1500-2 describes
PRX+1500 with 15 to 20 AT.

Remarks

When mounted onto ferromagnetic parts switching distance of PRX+1500 may reduce. Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.

Dimensions in mm



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Material Information

	Material	Colour
Cable	Teflon, AWG 28, 7 mm stripped and tinned	blue / yellow
Potting compound	Epoxy	black
Housing	HTM	black