

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

Approvals



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

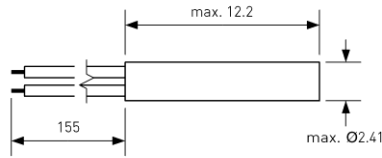
Environmental Characteristics		
Operating temperature	°C	-40 to + 125
Vibration (50-2000 Hz)	g	15
Shock (1/2 sin 11 ms)	g	75

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


Material Information		
	Material	Colour
Cable	Teflon, AWG 8, 7mm stripped, not tinned	blue/yellow
Potting compound	Epoxy	black
Housing	Hysol CP2-4289	black