

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

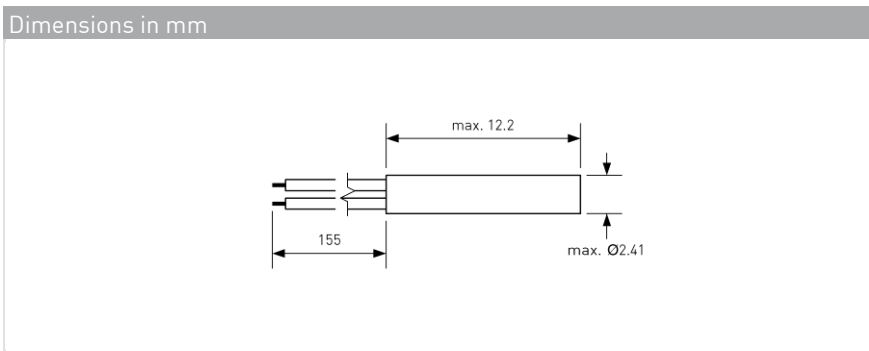
Approvals



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.

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