

MS-216-7



MS-216-7

Normally Closed Reed Sensor

Electrical Characteristics			@ 25 °C
Contact form			B
Contact rating max.	W / VA		5
Switching voltage max.	VDC		175
	VAC		120
Switching current max.	A		0.25
Carry current max.	A		1.5
Breakdown voltage min.	VDC		200
Total resistance max. (initial)	mΩ		200
Insulation resistance min.	Ω		10 ⁹

Features	
➤	Compact size
➤	Mechanically protected
➤	Non pole oriented actuation
➤	Customized types available

Magnetical Characteristics (of unmodified Reed Switch)			@ 25 °C
Pull in range available	AT		15 - 30
Drop out min.	AT		5
Test coil	TC -		200
Test equipment tolerance	± AT		2

Approvals	
	RoHS
	REACH
	IP67
	UL US

Operating Characteristics (of unmodified Reed Switch)			@ 25 °C
Switching frequency max.	Hz		100
Resonant frequency typ.	Hz		1100
Operate time max. (incl. bounce)	ms		0.7
Release time max.	ms		1

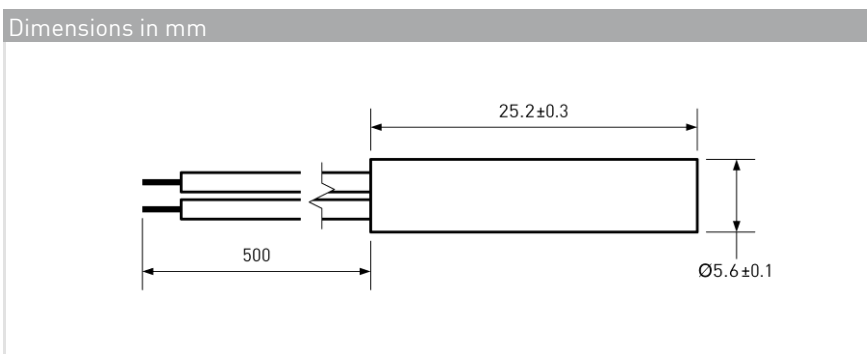
Environmental Characteristics		
Operating temperature	°C	-20 to + 85
Vibration (50-2000 Hz)	g	30
Shock (1/2 sin 11 ms)	g	50

Ordering Information	
Packing Unit	50 pcs
Weight per piece	3.8 g
Weight per package	195 g

Standard AT Ranges	
2	= 15 to 20 AT
3	= 20 to 25 AT
4	= 25 to 30 AT

Ordering Example
MS-216-7-2 describes MS-216-7 with 15 to 20 AT.

Remarks
When mounted onto ferromagnetic parts switching distance of MS-216-7 may reduce.
Electromagnetical influences and magnetic fields may change the switching behaviour of the sensor.



Material Information		
	Material	Colour
Housing	ABS	black
Cable	UL 1007/1569, AWG 24, 4 mm stripped and tinned	black
Potting compound	Epoxy	black