

## MS-225 Reed Sensor

### Electrical Characteristics

Contact Form (ASA)		A
Contact rating max.	W / VA	10
Switching current max.	A	0.5
Carry current max.	A	1.0
Switching voltage max.	VDC	180
	VAC	130
Breakdown voltage min.	VDC	200
Contact resistance (initial)	mΩ	150
Isolation resistance min.	Ω	10 <sup>11</sup>
Capacitance typ.	pF	0.2

### Magnetical Characteristics

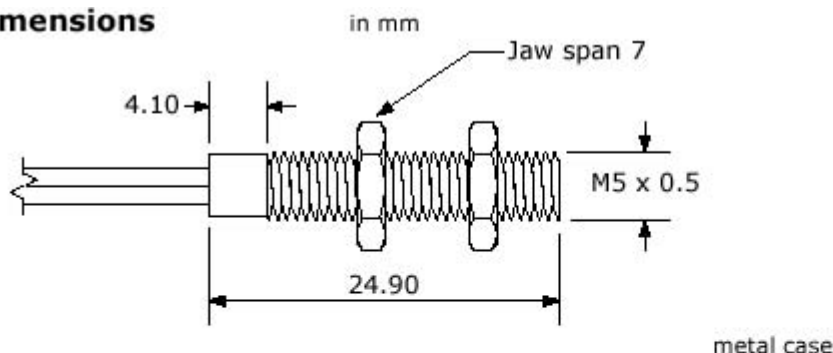
Pull in range available <sup>1</sup>	AT	10-35
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<sup>1</sup> AT range stated for **unmodified** Reed Switch; Standard range 10-15 AT

### Operating Characteristics

Operate time max. (incl. bounce)	ms	0.5
Release time max.	ms	0.1
Switching frequency max.	Hz	500
Resonate frequency max.	Hz	4,500
Vibration (50-2000 Hz)	g	30
Shock (1 / 2 sin 11 ms)	g	100
Operating temperature	°C	-40 to +85

### Dimensions



### Cable Termination

<p><b>1</b> = stripped and tinned</p> <p>Standard</p>	<p><b>2</b> = cord end sleeves</p>	<p><b>3</b> = spade terminals 2.8 x 0.8 mm</p>
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Standard lead length 500 mm of stranded wire 2 x 0.14 mm<sup>2</sup>. Customized types upon request.

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## MS-225 Reed Sensor

### Ordering Information

Sensor type	Contact type	Cable length (cm)	Termination
MS-225	3	yyy (Standard 50 cm)	1 (Standard), 2 or 3

**Ordering example:** MS-225-3-120-1 describes MS-225 using standard switch, 1200 mm cable length, termination stripped and tinned.

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