

## MS-328 Reed Sensor

### Electrical Characteristics

Contact Form (ASA) / Contact type		A / 3	C / 4
Contact rating max.	W / VA	10	3
Switching current max.	A	0.5	0.25
Carry current max.	A	1.0	1.0
Switching voltage max.	VDC	180	130
	VAC	130	100
Breakdown voltage min.	VDC	200	200
Contact resistance (initial)	mΩ	150	150
Isolation resistance min.	Ω	10 <sup>11</sup>	10 <sup>9</sup>
Capacitance typ.	pF	0.2	1.2

### Magnetical Characteristics

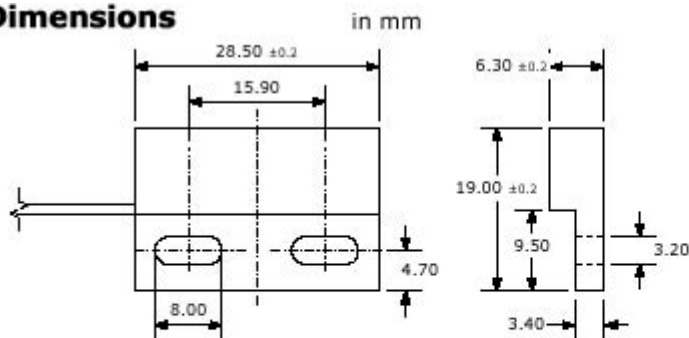
Pull in range available <sup>1</sup>	AT	10-35	15-35
--------------------------------------	----	-------	-------

<sup>1</sup> AT range stated for **unmodified** Reed Switch; Standard range 10-15 AT; for contact type 3, 15-20 AT for contact type 4.

### Operating Characteristics

Operate time max. (incl. bounce)	ms	0.5	2.5
Release time max.	ms	0.1	0.8
Switching frequency max.	Hz	500	100
Resonate frequency max.	Hz	4,500	6,000
Vibration (50-2000 Hz)	g	30	30
Shock (1 / 2 sin 11 ms)	g	100	50
Operating temperature	°C	-40 to +85	

### Dimensions



### Cable Termination

<b>1</b> = stripped and tinned  Standard	<b>2</b> = cord end sleeves  Standard	<b>3</b> = spade terminals 2.8 x 0.8 mm  Standard
--	---	---

Standard lead length 500 mm of stranded wire 2 x 0.14 mm<sup>2</sup>. Customized types upon request

### Technokey Company Ltd.

Unit 6-8, 26/F, Yen Sheng Centre,  
64 Hoi Yuen Road,  
Kwun Tong, Kln, Hong Kong.  
Web Site: <http://technokey.com>

Tel: (852) 2950 9818  
Fax: (852) 2950 0561  
Tel: 021-6443 9350, 6404 8811 (Sh)  
E-mail: [enquiry@technokey.com](mailto:enquiry@technokey.com)

# MS-328

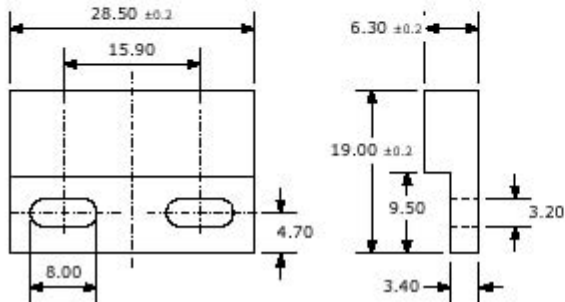
## Reed Sensor

### Ordering Information

Sensor type	Contact type	Cable length (cm)	Termination
MS-328	3 (Standard) or 4	yyy (Standard 50 cm)	1 (Standard), 2 or 3

**Ordering example:** MS-328-4-120-1 describes MS-328 using form C switch, 1200 mm cable length, termination stripped and tinned.

### Magnet MSM-328



**Technokey Company Ltd.**

**Technokey Company Ltd.**

Unit 6-8, 26/F, Yen Sheng Centre,  
64 Hoi Yuen Road,  
Kwun Tong, Kln, Hong Kong.  
Web Site: <http://technokey.com>

Tel: (852) 2950 9818  
Fax: (852) 2950 0561  
Tel: 021-6443 9350, 6404 8811 (Shanghai Office)  
E-mail: [enquiry@technokey.com](mailto:enquiry@technokey.com)