

MS-212

Reed Sensor

Electrical Characteristics

Contact Form (ASA) / Contact type		A / 1	A / 2
Contact rating max.	W / VA	0.25	1.0
Switching current max.	A	0.01	0.1
Carry current max.	A	0.01	0.3
Switching voltage max.	VDC	30	24
	VAC	30	24
Breakdown voltage min.	VDC	100	150
Contact resistance (initial)	mΩ	500	150
Isolation resistance min.	Ω	10 ⁹	10 ⁹
Capacitance typ.	pF	0.2	0.2

Magnetical Characteristics

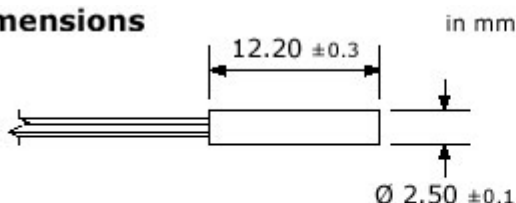
Pull in range available ¹	AT	5-20	10-35
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¹ AT range stated for **unmodified** Reed Switch; Standard range 10-15 AT;

Operating Characteristics

Operate time max. (incl. bounce)	ms	0.18	1.0
Release time max.	ms	0.05	0.2
Switching frequency max.	Hz	500	500
Resonate frequency max.	Hz	10,500	2,500
Vibration (50-2000 Hz)	g	15	30
Shock (1 / 2 sin 11 ms)	g	75	100
Operating temperature	°C	-40 to +85	

Dimensions



Cable Termination

1 = stripped and tinned Standard	2 = cord end sleeves 	3 = spade terminals 2.8 x 0.8 mm
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Standard lead length 155 mm of stranded wire (Teflon) AWG 28. Customized types upon request.

Ordering Information

Sensor type	Contact type	Cable length (cm)	Termination
MS-212	1 or 2 (Standard)	yyy (Standard 15,5 cm)	1 (Standard), 2 or 3

Ordering example: MS-212-2-20-1 describes MS-212 using standard switch, 200 mm cable length, termination stripped and tinned.

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