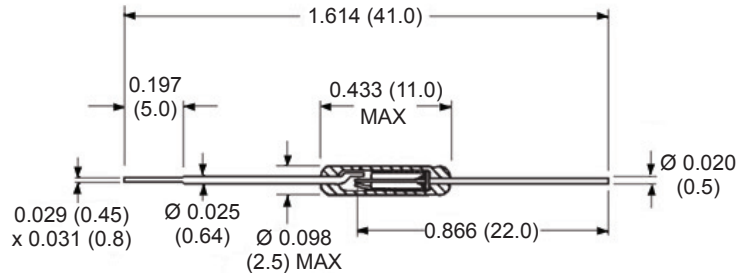


**Part Number: MH5**  
**Non-Position Sensitive 1 f A - Wetted Switch**  
**Product Data Sheet**
**PICTURE**

**DIMENSIONS**


Drawings not to scale.  
All dimensions in inches (mm) nominal.

**SPECIFICATION**

				A - Make Contact
Contact Form				A - Make Contact
Switching Voltage	DC / Peak AC Resistance	Volts	MAX	500*
Switching Current	DC / Peak AC Resistance	Amps	MAX	2
Carry Current (24 h)	DC / Peak AC Resistance	Amps	MAX	2
Contact Rating	DC / Peak AC Resistance	mOhms	MAX	55
Operating Frequency		Hz	MAX	300
Life Expectancy	1.0V 10mA	x10 <sup>6</sup> Ops	MIN	500
	50V, 1A	x10 <sup>6</sup> Ops	MIN	1
	500V, 100mA	x10 <sup>6</sup> Ops	MIN	5
	48V, 100mA	x10 <sup>6</sup> Ops	MIN	50
Operate AT Range		AT	MIN-MAX	25 - 60
Release AT Range		AT	MIN	12
Insulation Resistance	500V, 25°C 40% RH	Ohms	MIN	10 <sup>10</sup>
Capacitance	Across Open Contacts	pF		0.3
Dielectric Strength	Between Contacts	VAC	MIN	1500
Operate Time	1.5 times Operate at 20Hz Sq. Wave 50% DC	msec	MAX	0.85 TYP - 1.2 MAX
Release Time	Zener-Diode Suppression	msec	MAX	0.8 TYP - 1.0 MAX
Static Contact Resistance	50mV, 10mA	mOhms	MAX	30
Contact Material				Hg
Hg Content				0.010
Storage Temperature				-40 to +125
Operating Temperature				-38 to +125
Soldering Temperature	<10 sec at 260°C	°C		+260
Vibration Resistance	10Hz - 500Hz	g	MAX	20
Shock Resistance	11 ± 1ms, 1/2 Sine Wave	g	MAX	50
Weight				grams 0.2

As part of the company policy of continued product improvement, specifications may change without notice. Our sales office will be pleased to help you with the latest information on this product range and the details of our full design and manufacturing service. All products are supplied to our standard conditions of sale unless otherwise agreed in writing.

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