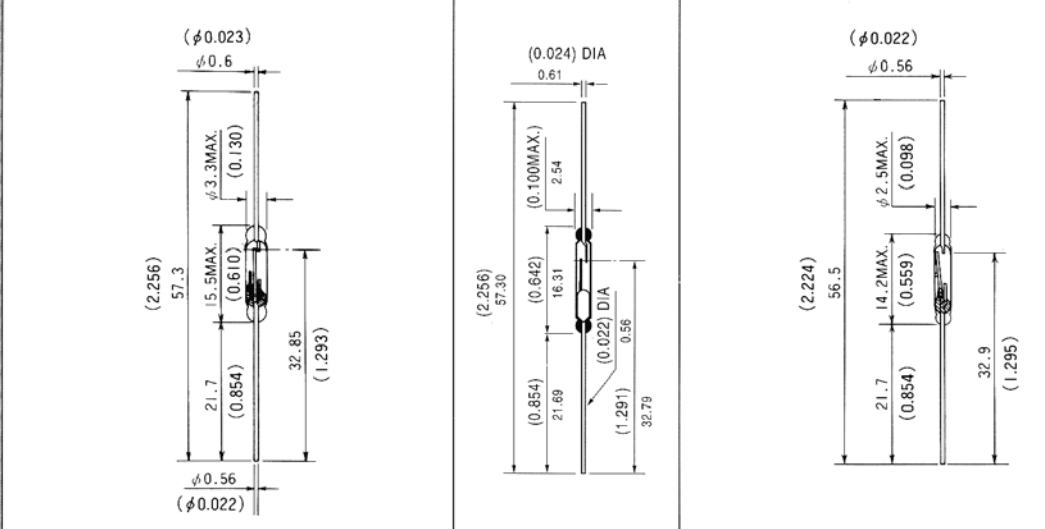


# Mercury Wetted Reed Switches

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SWITCHES & KNOBS

Part No.	HYR9001		HYR9001-1 HYR9001-9		HYR9004-1/ HYR9004-9		HYR9005-1		HYR9005-9	
<b>Dimensions</b> Unit : mm(inch)										
Contact Form	IA				IA		IA			
Contact Position *1	O				O		O			
Contact Material	Mercury Wetted									
Max. Contact Rating	50W				35W		50W			
Max. Switching Voltage	500VDC		1,500VDC		1,000VDC		1,000VDC			
Max. Switching Current	2A				1.0A		1A			
Max. Initial Contact Resistance	50m Ω				0.050 Ω		60m Ω			
Pull in Valve (AT)	40-70				35-70		40-60			
Min. Drop out Valve (AT)	15				14		15			
Min. Breakdown Voltage *2	1,000VDC		2,000VDC		1,500VDC		1,500VDC			
Max. Contact Capacitance	0.3pF				0.3pF		0.4pF			
Min. Insulation Resistance	10 <sup>10</sup> Ω		10 <sup>13</sup> Ω		10 <sup>10</sup> Ω		10 <sup>13</sup> Ω		10 <sup>13</sup> Ω	
Typ. Resonant Frequency	0.3kHz				300kHz		0.3kHz			
Electrical Life (Resistive loads)	10 <sup>9</sup> (10mVDC, 10μA) 5 x 10 <sup>6</sup> (50VDC, 1A)		1,000 x 10 <sup>6</sup> (10mV @ 10μA) 5 x 10 <sup>6</sup> (50VDC @ 1.0A)		10 <sup>9</sup> (10mVDC, 10μA) 5 x 10 <sup>7</sup> (200VDC, 0.1A)					
Test Coil	TC-0502									
Features	General application		High breakdown voltage High insulation resistance		General application High insulation resistance		High speed		High speed, High insulation resistance	