

# ZRS09(TMD)

参考

Reference

Confidential

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製品番号 /Model	ZRS09 TMD
取付方法 /Mounting method	Vertical type
全抵抗値 /Nominal Total Resistance	10k $\Omega$
全回転角度 /Total Rotational Angle	エンドレス(Endless)
直線性保証範囲 /Straight line Range of guarante	280°
直線性 /Linearity	$\pm 1.0\%$
貫通穴 /Through hole	FF
耐久性(しゅう動) /Sliding Life	1,000,000 cycles
使用温度範囲 /Operating Temperature Range	-40°C~+85°C
回転トルク /Rotational Torque	2mNm·m max
全抵抗値許容差 /Total Resistance Tolerance	$\pm 30\%$
定格電圧 /Rated Voltage	5V DC
耐寒性 /Resistance to cold	-40°C $\pm 3^\circ\text{C}$ for 168h
耐熱性 /Resistance to heat	85°C $\pm 3^\circ\text{C}$ for 168h
耐湿性 /Resistance to damp	40°C $\pm 2^\circ\text{C}$ 90~95%RH for 96h
形状 /Dimensions	<p>Technical drawing of the ZRS09(TMD) sensor showing front, side, and bottom views with dimensions:</p> <ul style="list-style-type: none"> <li>Front view: Total width 9.5, total height 10.5, mounting hole diameter <math>\phi 3.5</math>, distance from top to center 5.8, distance from center to bottom 4.7, distance from center to mounting hole 2.</li> <li>Side view: Total length 13, distance from front face to center 10, distance from front face to mounting hole 5, distance from mounting hole to center 2.5, distance from center to rear face 3, rear face thickness 0.8, diameter of rear section <math>\phi 4.4</math>, distance from rear face to bottom 2.5, distance from bottom to center 3-0.3, total height 7.3.</li> <li>Bottom view: Pin pitch P=2.5, pin diameter 3-0.8, pins labeled 1T, 2T, 3T.</li> </ul>