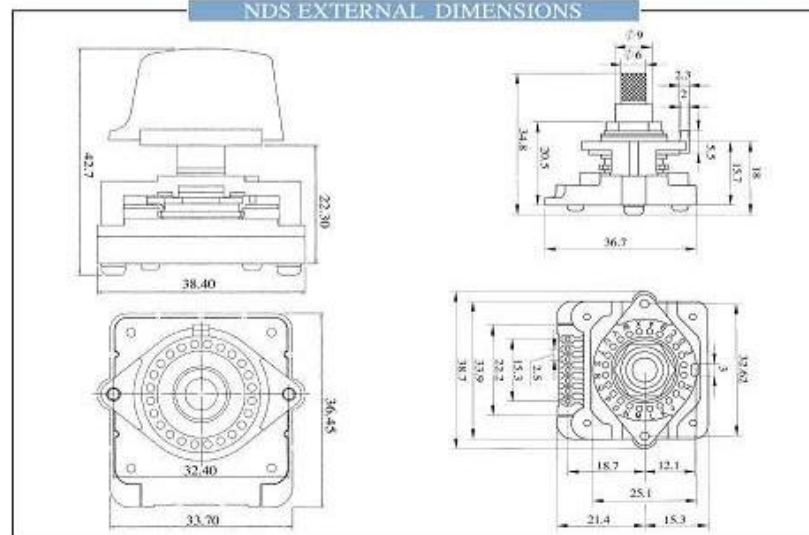


NDS SERIES SPECIFICATION

ITEM	TEST CONDITION		SPECIFICATION
OPERATION TEMPERATURE	No condensation		-10° ~ + 50°
STORAGE TEMPERATURE	No condensation		-20° ~ + 70°
MECHANICAL	Revolution starting torque		0.1~0.2Nm(1~2kgf.cm)
	Shaft load		3Nm below
	Screw load		2Nm below
	Stopper load		3Nm below
	Vibration Test		10~55~10Hz/m 1.5mm x.y.z.3direction 2HR
ELECTRICAL	Contact resistance		100mΩ below
	Isolation resistance	Contact to contact DC250V for 1 min	500MΩ above
		Contact to case DC500V for 1 min	500MΩ above
	Withstanding Voltage	Contact to contact AC250V for 1 min	No exception
		Contact to case AC500V for 1 min	
	Rate load		AC 5V/0.5A/50V/0.05A DC 5V/0.25A/50V/0.025A
LIFE EXPECTANCY	NOLDAD test 60 RPM After 50,000 Rotation test	Revolution starting torque	+/- 20% below
		Contact resistance	150 mΩ
		Insulation resistance	500MΩ above
		Withstanding voltage	500MΩ above
Environment	Temperatures + 70° +/- 5% Humidity 85% 18HR	Contact resistance	100mΩ below
		Revolution starting torque	0.1~0.2Nm
		Withstanding voltage	500MΩ above
	Heat-test +70° +/- 5% 6HR	Contact resistance	100mΩ below
		Revolution starting torque	0.1~0.2Nm
	Cold-test -10° +/- 5% 6HR	Contact resistance	100mΩ below
		Revolution starting torque	0.1~0.2Nm

NDS EXTERNAL DIMENSIONS



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DIGITAL CODE ROTARY SWITCH

NDS SERIES

The series of rotary switch can apply to multi switching function on the operation panel of machine tool, such as axis selection, feed rate and override etc.



FEATURE:

- Metal housing and clearly graduation.
- To provide 15°、30°、13.85°、27.69° degree to be choice.
- To provide many type encoder code to use.
- The shafts are firm and skidproof.
- Include inhibit and parity signal to prevent error signal.
- Coating gold metal on contact points, stable resistor of contacting.
- Body installs o-ring, waterproof design (IP65).
- New design easy to installation.
- Save wiring operation and Input signal point.
- OEM code Welcome.

