Feature :

Water proof IP67 sealed Capacitive touch key, panel mount Wire assembly service Full color LED illuminated available Recommend operating voltage 1.8~5.5VDC Application:

Water purifiers
Kitchen appliances

Vending machines and switches Used in the polluted environment

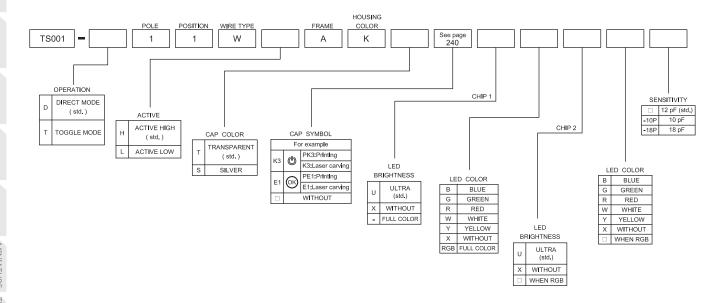


POLE - POSITION One-Channel	SWITCH SPECIFICATIONS								
OPERATING TEMPERATURE RANGE -20°C ~ 70°C SEALING ELECTRICAL CHARACTERISTICS Symbol Parameter Conditions MIN. TYP. MAX. Units Symbol Parameter Conditions MIN. TYP. MAX. Units Vob Operating voltage 1.8 3 5.5 V F System oscillator Vob=3V. Output no load 800 KHz FseN Sensor oscillator Voc=3V. Output no load 800 KHz Iop Operating current Vcc=3V. Output no load 1.5 2.7 uA Vh Input ports Input high voltage 0 0.2 Vob Vh Input port shink current Vob=3V. Vot=0.6V 8 mA IoH Output port source Vob=3V. Vot=2.4V -4 mA	POLE - POSITION			One-Channel					
SEALING IP67	CIRCUIT FEATURE			Capacitive digital signal					
ELECTRICAL CHARACTERISTICS Symbol Parameter Conditions MIN. TYP. MAX. Units V _{DD} Operating voltage 1.8 3 5.5 V F System oscillator V _{DD} = 3V 25 600 KHZ FseN Sensor oscillator V _{DD} = 3V, Output no load 800 KHZ JoP Operating current V _{CC=3V} , Output no load 1.5 2.7 uA Vt Input ports Input low voltage 0 0.2 V _{DD} Vh Input ports Input high voltage 0.8 1.0 V _{DD} IoL Output port sink current V _{DD} =3V, V _{OL} =0.6V 8 mA IoH Output ports V _{DD} =3V, V _{OH} =2.4V -4 mA	OPERATING TEMPERATURE RANGE			-20°C ~ 70°C					
Symbol Parameter Conditions MIN. TYP. MAX. Units Vob Operating voltage 1.8 3 5.5 V F System oscillator Vob = 3V 25 600 KHz FseN Sensor oscillator Vob = 3V, Output no load 800 KHz IoP Operating current Vcc=3V, Output no load 1.5 2.7 uA VL Input ports Input low voltage 0 0.2 Vob VH Input ports Input high voltage 0.8 1.0 Vob IoL Output port shink current Vob=3V, Vol=0.6V 8 mA IoH Output port source Vob=3V, Vol=2.4V -4 mA	SEALING			IP67					
Vob Operating voltage 1.8 3 5.5 V F System oscillator Vob = 3V 25 600 KHz FseN Sensor oscillator Vob=3V,Output no load 800 KHz IoP Operating current Vcc=3V,Output no load 1.5 2.7 uA VL Input ports Input low voltage 0 0.2 Vob VH Input ports Input high voltage 0.8 1.0 Vob IoL Output port sink current Vob=3V,Vot=0.6V 8 mA IoH Output port source current Vob=3V,Vot=2.4V -4 mA	ELECTRICAL CHARACTERISTICS								
F System oscillator Voo = 3V 25 600 KHz Fsex Sensor oscillator Voc=3V,Output no load 800 KHz Iop Operating current Vcc=3V,Output no load 1.5 2.7 uA Vit Input ports Input low voltage 0 0.2 Vpp ViH Input ports Input high voltage 0,8 1.0 Vpp IoL Output port slink current Vpp=3V,Vol=0.6V 8 mA IoH Output ports once Vpp=3V,Vol=2.4V -4 mA	Symbol	Parameter	Conditions		MIN.	TYP.	MAX.	Units	
FseN Sensor oscillator Voo=3V,Output no load 800 KHz IoP Operating current Vcc=3V,Output no load 1.5 2.7 uA VL Input ports Input low vottage 0 0.2 Vpp VH Input ports Input high voltage 0,8 1.0 Vpp IoL Output port sink current Vpp=3V,Vot=0.6V 8 mA IoH Output ports current Vpp=3V,Vot=2.4V -4 mA	V _{DD}	Operating voltage			1.8	3	5.5	٧	
IoP	F	System oscillator	V _{DD} = 3V		25		600	KHz	
Vt. Input ports Input low voltage 0 0.2 VpD VH Input ports Input high voltage 0.8 1.0 VpD IoL Output port sink current VpD=3V,VoL=0.6V 8 mA IoH Output port source current VpD=3V,VoH=2.4V -4 mA	Fsen	Sensor oscillator	VDD=3V,Output no load			800		KHz	
V _H Input ports Input high voltage 0.8 1.0 V _{DD} I _{CL} Output port shink current V _{DD} =3V,V _{DL} =0.6V 8 mA I _{DH} Output port source current V _{DD} =3V,V _{DH} =2.4V -4 mA	ЮР	Operating current	Vcc=3V,Output no load			1.5	2.7	uA	
IoL	V⊩	Input ports	Input low voltage		0		0.2	VDD	
Ioн Output port source von=3V,Voн=2.4V -4 mA	ViH	Input ports	Input high voltage		0.8		1.0	VDD	
10H current VDB-5V, VDR-2.4V -4 IIIA	lou	Output port sink current	VDD=3V,VOL=0.6V			8		mA	
T Output repopre the Variable 150 mg	І он	Output port source current	V _{DD} =3V,V _{OH} =2.4V			-4		mA	
TR Output response time VDD=3V 150 ITIS	TR	Output response time	V _{DD} =3V				150	mS	

LED SPECIFICATIONS								
ATTENTION LEDs are Electrostatic Sensitive devices	Unit	Value / LED Color						
(+) 0——— (+)		Blue	Pure Green	Red	Yellow	Orange	Green	White
LUMINOUS INTENSITY@20mA Iv	mcd	60	450	220	150	253	50	160
Dominant Wavelength λD	nm	465	525	630	590	601	570	/
FORWARD VOLTAGE@20mA Vf	٧	3.3	3.3	1.95	2	2.1	2.1	3.3

■ A single bin cannot be ordered, please contact us in advance if you need a particular bin sorting before placing your order to clarify the lead time, MOQ and pricing

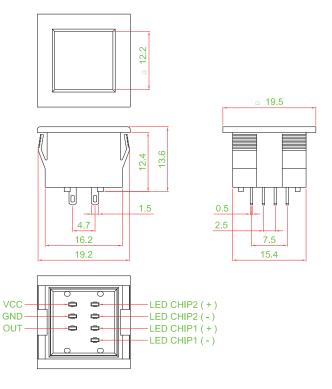
► HOW TO ORDER





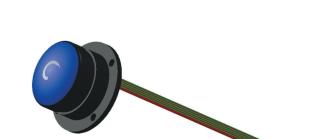
DIMENSION





PANEL CUT OUT

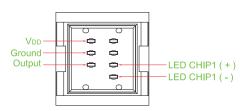
W	PANEL THICK	W	
	0.75 ~ 1.25	17.6 ~ 17.8	
15.8	1.25 ~ 2.0	17.8 ~ 18.0	
	2.0 ~ 3.0	18.0 ~ 18.2	



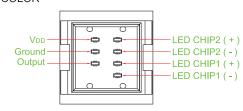
CUSTOM-MADE STYLE AVAILABLE

CIRCUIT

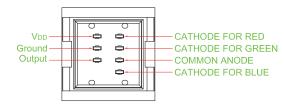
SINGLE COLOR



TWO COLOR



FULL COLOR



LIGHT

ENCODER INTERRUPTER

Mouser Electronics

Authorized Distributor

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Well Buying:

TS001-D11WHAKTUGXX TS001-D11WHAKTUWXX TS001-D11WHAKTUYXX TS001-T11WHAKT-RGB