
Feature -

- encoder : 15 pulse scroller output, and one key center output
- VR : 15 position scroller output, and one key center output
- bi-color LED illuminated available

Application -

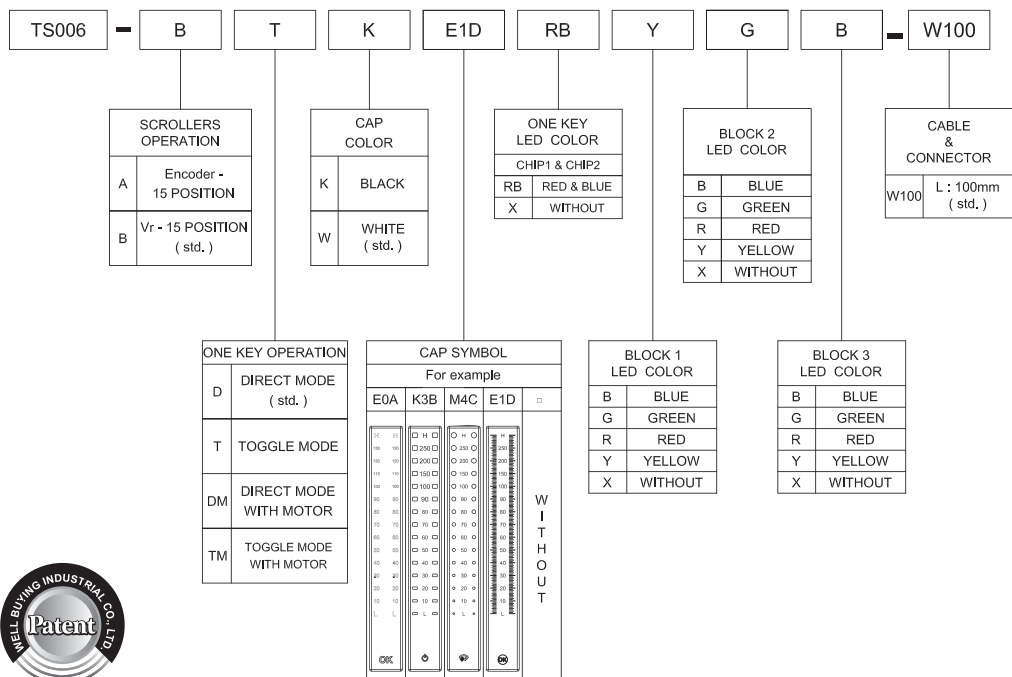
- audio / video equipments
- consumer products
- computer products
- instrumentation
- communication equipments
- home appliances

SPECIFICATIONS

SWITCH SPECIFICATIONS							
POLE - POSITION			One-Channel				
CIRCUIT FEATURE			Capacitive analog signal				
OPERATING TEMPERATURE RANGE			-20°C ~ 70°C				
SEALING			PANEL SEALED TO IP67				
ELECTRICAL CHARACTERISTICS							
Symbol	Parameter	Test Conditions		MIN.	TYP.	MAX.	Units
		V _{DD}	Conditions				
V _{CC}	Input Voltage	—	—	0	—	28	V
V _{DD}	Operating Voltage	—	—	2.8	5.0	5.5	V
I _{DD}	Operating Voltage - No Load	3.3V	3.3V	—	2	3	mA
V _{OH}	Output High Voltage	3.3V	I _{OH} = - 4.0mA	2.1	—	—	V
V _{OL}	Output Low Voltage	3.3V	I _{OH} = 8.0mA	—	—	0.9	V
V _{IL}	Input ports	3.3V	—	—	200	—	Hz

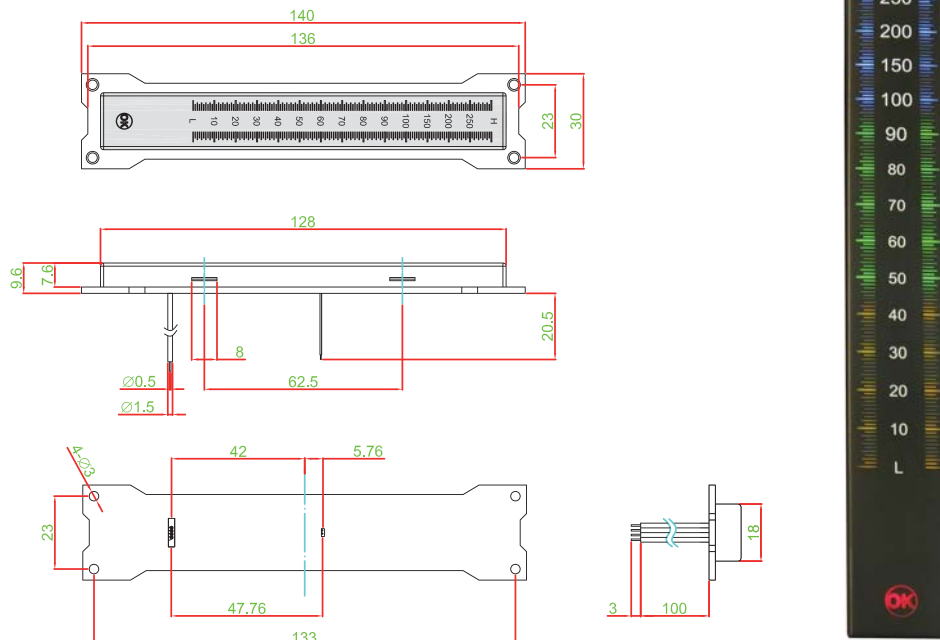
LED SPECIFICATIONS							
 ATTENTION LEDs are Electrostatic Sensitive devices		Unit	Value / LED Color				
			Ultra Blue	Ultra Green	Ultra Red	Ultra Yellow	
FORWARD CURRENT		I _f	mA	20	20	20	20
REVERSE VOLTAGE		V _r	V	5	5	5	5
REVERSE CURRENT		I _r	μA	10	10	10	10
FORWARD VOLTAGE@20mA		V _f	V	3.7~4.0	3.5~4.0	2.0~2.6	2.1~2.6
LUMINOUS INTENSITY@20mA		I _v	mcd	150	1000	800	350

Physical and electrical information of LED will be provided upon customer's request on switches.

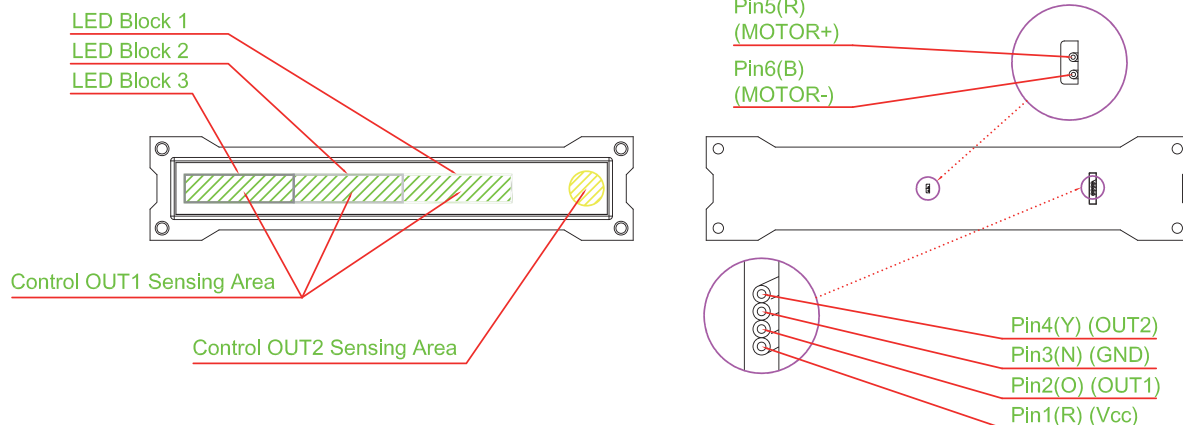
HOW TO ORDER


► DIMENSION & FRAME TYPE

TS006-BTMKE1DRBYGB-W100



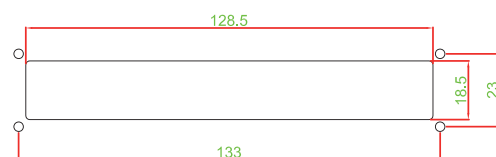
► CIRCUIT



► MATERIAL

- COVER : PC
- HOUSING : PA
- BASE FRAME : PA + GF
- P.C.B : FR4

► PANEL CUT OUT & CIRCUIT DIAGRAM



Mouser Electronics

Authorized Distributor

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Well Buying:

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