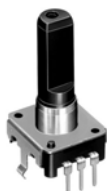


KEYPADS / ENCODERS

ALPS / ELNA12



EC12E / 24204A9



EC12E / 2420801



KNOB01

Digital Output Encoders as used in our Kits. The ALPS EC12E 12mm encoders are low cost mechanical contact types. For the Technical Data & Pin outs Please see the website www.minikits.com.au/data.html

Please Note that nuts & washers are not supplied with the EC12E / 2420801

Voltage Rating : 5v DC 0.5mA
Rotational Life: 30,000 Cycles
Output signal: Channel A leads Channel B by 90deg
Mechanical: 24Pulse / 24 Detent, shaft length 25mm

Order No	Description	Each
EC12E / 24204A9	ALPS Rotary Encoder No Thread	\$2.20
EC12E / 2420801	ALPS Rotary Encoder with M9 Thread	\$1.85
NUT11	Nut Hex M9 x 0.75mm to suit EC12E / 2420801	\$0.20
WASHER14	M9 Steel Zinc to suit EC12E / 2420801	\$0.15
KNOB01	ELMA 71 Series 36mm dia with cap Suit 6mm EC12E Shaft	\$8.80

16 BUTTON KEYPADS



KEYPAD2



KEYPAD3

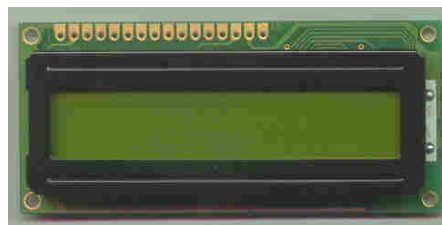
Standard 4x4 Telephone style Keypads suitable for constructing your own microcontroller projects.

Order No	Description	Each
KEYPAD2	16 Key Alpha Numeric Keypad Contact 20mA @ 24vdc Resistance 200ohms maximum Size 65(W) x 68(H) x 7mm(D)	\$10.50
KEYPAD3	16 Key Membrane Numeric Keypad, self adhesive backing for mounting, membrane 8 pin 85mm long cable & 2.54mm header. Contact rating 100mA @ 35vdc, 1 million cycles Size 70(W) x 77(H) x 0.8mm(D)	\$5.10

For the Technical Data & Pin outs Please see the website www.minikits.com.au/data.html

DISPLAYS

LIQUID CRYSTAL



LCD1
Hantronix
16x2 LED
Backlit



LCD3
Hantronix
16x2 LED
Backlit

The Hantronix LCD Displays are HD44780 Hitachi Compatible. For the Technical Data & Pin outs Please see the website www.minikits.com.au/data.html

Order No	Description	Each
LCD1	2 line x 16 character LCD LED backlit, black characters on a Green Background, dimensions 80x36x10mm Viewing area 64.5x13.8mm	\$15.50
LCD3	2 line x 16 character LCD LED backlit, white characters on a Black background, dimensions 80x36x10mm Viewing area 64.5x13.8mm	\$15.50

12 BUTTON KEYPADS



KEYPAD1

Order No	Description	Each
KEYPAD1	12 Key Numeric Keypad Contact 20mA @ 24vdc Resistance 200ohms maximum Size 44(W) x 54(H) x 5mm(D) 2pcs in stock	\$7.30