FR series

Hall effect 3-position thumb controls

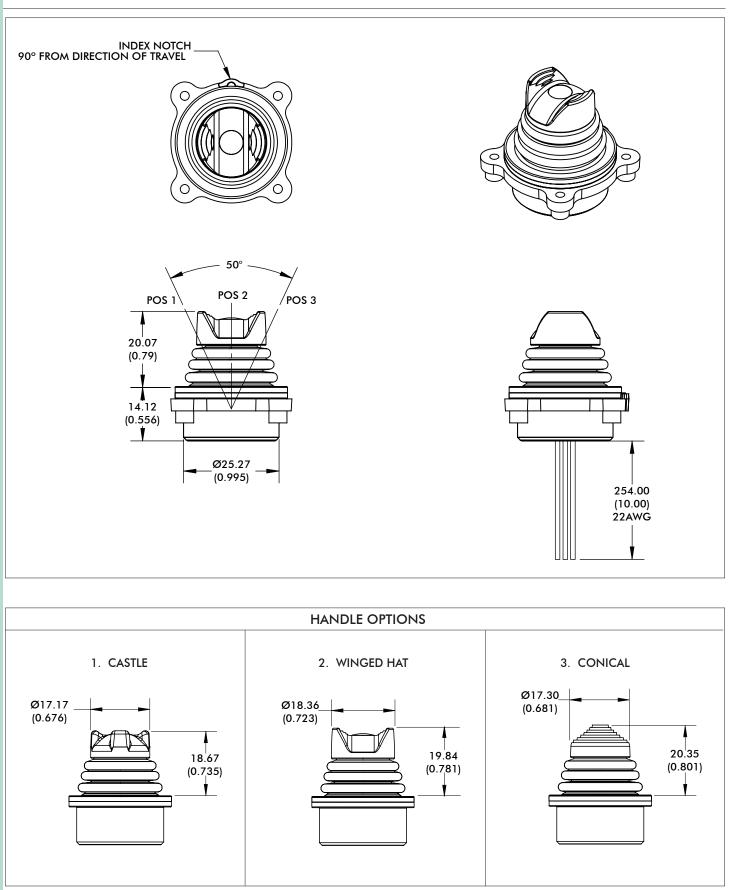
Distinctive features and specifications



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FR series Hall effect 3-position thumb controls

Overview

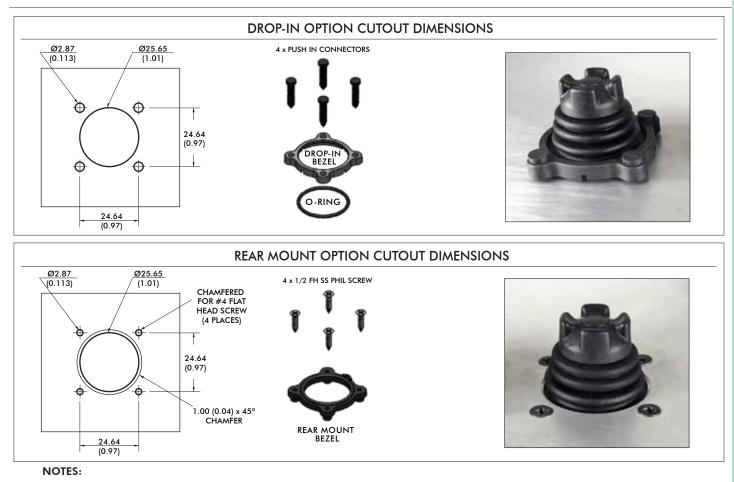


NOTE: Dimensions are in mm/(inch).

Note: The company reserves the right to change specifications without notice.

FR series Hall effect 3-position thumb controls

Overview



- 1 The maximum panel thickness for the Rear Mount configuration is 2.032mm/(0.08in).
- 2 The under panel depth for the Drop-in configuration is 16.02mm/(0.631in).
- 3 Dimensions are in mm/(inch).

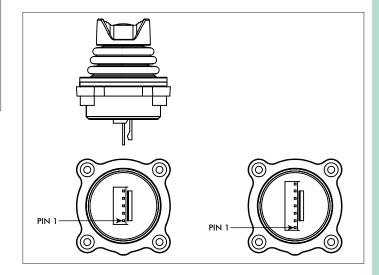
WIRING SPECIFICATION

- Black: Ground & button common ٠
- Red: Power (5V)
- Blue
 - X axis output (alpha) Blue/White Stripe: X axis output (beta)
- Red/White Stripe: Power (5V) (beta)
- Black/White Stripe: Ground (beta)

CONNECTOR TERMINATION OPTION

Single output configurations feature a five position TE 3-647166-5 connector. Dual output configurations feature a seven position TE 3-647166-7 connector. A mating harness is not included, but may be specified for single output configurations at the time of order for an additional charge. The five function harness is part number 505-499.

	PINOUT SPECIFICATION		
	TE 3-647166-5	TE 3-647166-7	
Pin 1	Not used	Not used	
Pin 2	5VDC	GND	
Pin 3	X (alpha)	X (alpha)	
Pin 4	GND	Not used	
Pin 5	Not used	Not used	
Pin 6	_	5VDC	
Pin 7	-	X (beta)	



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FRAA1U02A1A FR2A1U09A2A FR2A1U02A2A FRAA1U09A1A