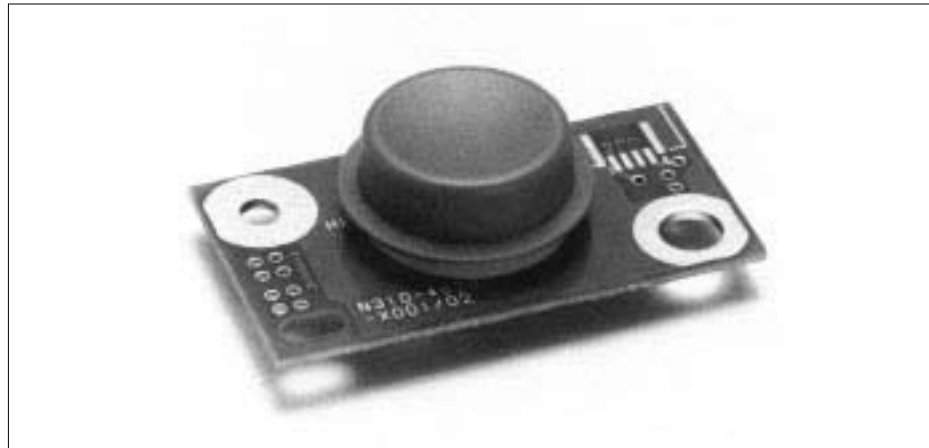


POINTING DEVICE

FID-828 ErgoTrac Sensor



■ FEATURES

- Miniature size
 - Can easily be designed into a keyboard or product enclosure
 - Single keycap space
- Long life and high reliability
 - Unique magnetic field detection technology
 - No mechanical contact to wear out
- Smooth operation
 - Light touch
 - Acceleration control
 - Stable operation in any direction
- RoHS compliant

■ MAIN APPLICATIONS

- Handheld and Notebook computers
- Windows® based applications
- Multi-media equipment
- GPS

■ CONFIGURATION

- Sensor assembly PC board

FID-828 SERIES

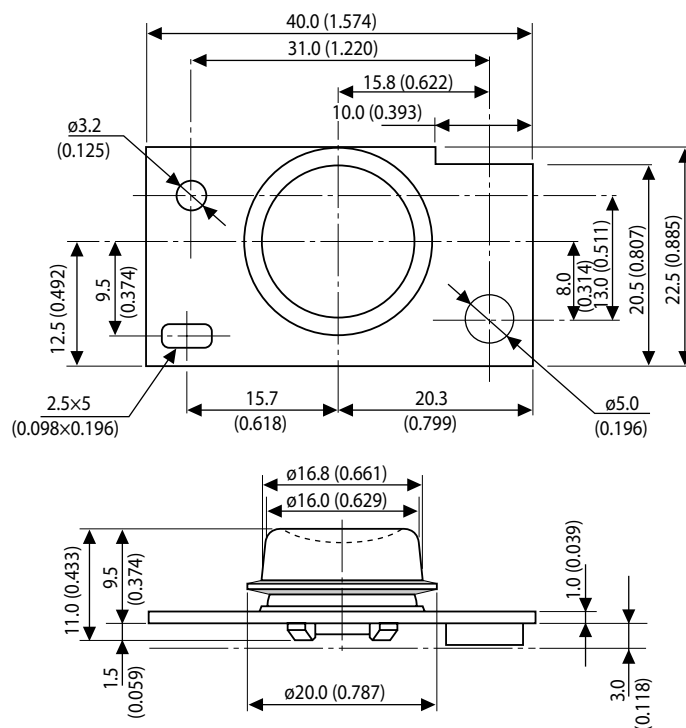
■ SPECIFICATIONS

Item		Specification
Mechanical	Detection Method	Unique magnetic field detection technology
	Operation Force	200 gf (7.04 oz.) typ.
	Operating Life	1 M strokes min.
	Weight	15 g (0.528 oz.) typ.
Electrical	Power Supply	+5 V DC, 10 mA max.
	Interface Connector	X/Y analog output Burndy P/N SFW 4R-1STE1 or equivalent
Environment	Operating Temperature	0 to 40°C
	Storage Temperature	–15 to 60°C
	Humidity	90% RH max. at +40°C max. inversely proportional change to 50% RH

■ PART NUMBERS

Parts Number	Part Name	Interface
FID-828-100/20	Sensor	X/Y analog output, RoHS compliant
FID-828-100	Sensor	X/Y analog output, Non-RoHS compliant
N01B-4824-B406	MCU	32 pin SOP; PS/2 output, RoHS compliant

■ DIMENSIONS



Unit: mm (in.)

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