



HP-DT-FSR-NI

HP-DT-FSR-NI FSR Pointing Device

Now available to ship. The force sensing resistor (FSR)by iKey® features an upgraded pointing device that offers improved sensitivity and increased durability. It combines the functionality of a mouse and the flexibility of a joystick in one convenient, small-footprint package. The HP-DT-FSR-NI carries a Factory Mutual approval of Class I, Division II. Housed in a sturdy stainless steel case, it provides pressure-sensitive feedback for positive motion control without requiring vigorous movement. The low-profile design contains no protruding parts that might break, and no moving elements to collect dust. With its completely sealed, NEMA 4X design, the iKey FSR can withstand spills, washdowns, contaminants and the impacts of an industrial environment. The HP-DT-FSR-NI units do not require barriers and are ideal for harsh working conditions. Isolation barrier included.

The new part number for HP-DT-NI is: HP-DT-FSR-NI.

HP-DT-FSR-NI is an Intrinsically Safe Peripheral

Features

- PS/2 or USB configurations available (PS/2 ships with bulkhead cable. USB ships with PG7 cable gland)
- Stainless Steel

Transition from CTS to Force Sensing Resistor:

- No mechanical parts: visible change, improved technology, better accuracy, and smoother use
- Longer life: 420,000 hours – 7x more than the CTS (60,000)
- CTS: mechanical damage was higher, moving from cap and stick to a rubber resistor

Product Code HP-DT-FSR-NI

CERTIFICATIONS	NEMA 4X UL60950, FCC Part 15 Class B Factory Mutual approval for Class I, Division II
SHOCK	3x11 ms pulses of 50g on each of 3 axes
CABLE	LENGTH: 5 feet from keyboard to Bulkhead Connector DESIGN: single PS2 or USB cable
KEY SWITCH	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 ACTUATION FORCE: 200g (+/- 20g) FEEDBACK: Tactile with mechanical snap



VIBRATION	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
COMPATIBILITY	PS/2: All Windows Operating Systems USB: All Windows and Macintosh Operating Systems
TEMPERATURE RANGE	STORAGE: -40C to +70C (-40F to 158F) OPERATING: -20C to +60C (-4F to 140F)
WEIGHT	1.25 lbs (0.68 kg)
WARRANTY	1 Year Limited Warranty
HUMIDITY	100%
DIMENSIONS	4.90" x 4.90" x 1.13" (w-h-d) 124.5mm x 124.5mm x 28.7mm
MODEL NUMBERS	HP-DT-NI-PS2: With PS/2 cable HP-DT-NI-USB: With USB cable