

HP-PM-FSR-NI

HP-PM-FSR-NI FSR Pointing Device

Now available to ship. The nonincendive HP-PM-FSR-NI by iKey® features an integrated force sensing resistor(FSR), our newly designed and upgraded pointing device that offers improved sensitivity and increased durability. 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 FSR can withstand spills, washdowns, contaminants and the impacts of an industrial environment. The HP-PM-FSR-NI has a Factory Mutual approval for Class I, Division II, Groups A, B, C, and D. All units include isolation barrier. Panel mount. The new part number for HP-PM-NI is: HP-PM-FSR-NI.

HP-PM-FSR-NI is an Intrinsically Safe Peripheral IS/Ni
Features:

Nonincendive for use in hazardous locations
PS/2 or USB configurations available (PS/2 ships with bulkhead cable. USB ships with PG7 cable gland.)
Stainless Steel Bezel
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-PM-FSR-NI

CERTIFICATIONS	NEMA 4X, CE UL60950, FCC Part 15 Class B Factory Mutual Class I, Division II, Groups A, B, C, and D
SHOCK	3x11 ms pulses of 50g on each of 3 axes
CABLE	5 feet (1.5 m) from keyboard to Bulkhead Connector
KEY SWITCH	5 feet (1.5 m) from keyboard to Bulkhead Connector
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 OS



TEMPERATURE RANGE	STORAGE: -40C to +70C (-40F to 158F) OPERATING: -20C to +60C (-4F to 140F)
WEIGHT	1.25 lbs (0.57 kg)
WARRANTY	1 Year Limited Warranty
HUMIDITY	100% Humidity Resistant (when properly installed)
DIMENSIONS	6.0" x 6.0" x 1.12" (w-h-d) 152.4mm x 152.4mm x 28.4mm
MODEL NUMBERS	HP-PM-NI-PS2: With PS/2 cable HP-PM-NI-USB: With USB cable