

# PM-18

## Panel Mount Numeric Keypad

The PM-18 is an 18-key numeric pad that is protected in a stainless steel case and is easily integrated into any system. When properly sealed, the PM-18 is engineered to meet NEMA 4X specifications. It features navigation keys and the secondary legend can be accessed by pressing the NumLock key. It is also possible to cascade a secondary keyboard if necessary.



### Technical Specifications

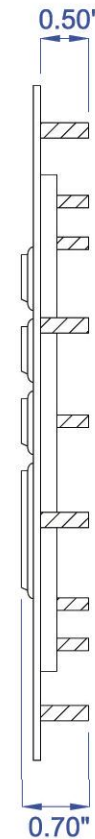
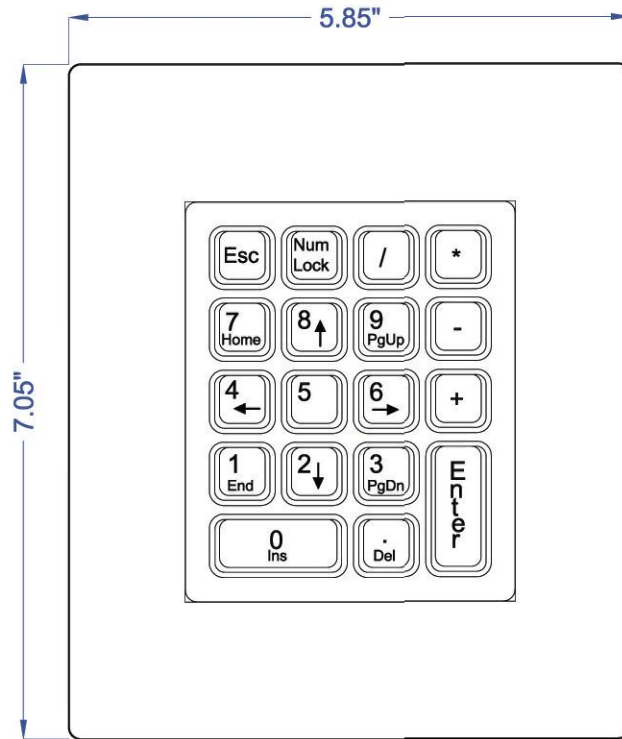
Certifications	NEMA 4X, CE UL60950, FCC Part 15 Class B
Shock	3x11 ms pulses of 50g on each of 3 axes
Cable	LENGTH: 10 feet (3 meters) DESIGN: PS/2 or AT Cable
Key Switch	MATERIAL: Industrial silicone rubber LIFE: 10 million cycles TRAVEL: 0.055 in. (1.4mm) ACTUATION FORCE: 4.74 oz. +/- 1.06 oz. (135g +/- 30g) FEEDBACK: Tactile with Mechanical Snap
Vibration	POWER SPECTRAL DENSITY: 0.04g/Hz FREQUENCY RANGE: 20Hz - 2 kHz DURATION OF TEST PER AXIS: 3 hours
Power	PS/2: 50mA@5V (from Keyboard port) USB: 50mA@5V (from CPU port)
Flammability	PRINTED CIRCUIT BOARD: 94 VO SILICONE OVERLAY: 94 HB INTERFACE CABLE: 94 VO
Compatability	PS/2 KEYBOARD: All Windows Operating Systems USB KEYBOARD: All Windows and Macintosh OS
Temperature Range	STORAGE: -40C to +90C (-40F to +194F) OPERATING: -40C to 70C (-40F to +158F)
Weight	1.00 lbs +/- 0.10 lbs (0.92 kg +/- 0.05 kg)
Warranty	1 year limited warranty
Humidity	100% (when properly installed)
Dimensions	5.85" x 7.05" x 0.20" (w-h-d) 148.6mm 179.1mm x 5.1mm SCREWS: 0.50" (12.7mm) CUTOUT: 4.50" x 5.30" (w-h) 114.3mm x 134.6mm
Model Numbers	

### Features and Benefits

- Numlock Key for Secondary Keyboard
- Stainless Steel Bezel
- USB, PS/2 and AT Configurations Available

# PM-18

DATE	CHANGES	INTL	REV
11.02.05	Original		1.00
12.09.08	Updated Format	JB	1.00



## KEY SWITCH

MATERIAL: Industrial Silicone Rubber  
 LIFE: Greater Than 10 Million Cycles  
 TRAVEL: 0.055 in.  
 ACTUATION FORCE: 4.74 oz. +/- 1.06oz (135g +/- 30g)  
 FEEDBACK: Tactile with Mechanical Snap

## POWER

PS2: 50mA@5V (from Keyboard port)  
 USB: 50mA@5V (from CPU port)

## TEMPERATURE RANGE

STORAGE: -40°F to +194°F (-40°C to +90°C)  
 OPERATING: -40°F to +158°F (-40°C to +70°C)

## HUMIDITY

100% Humidity Resistant

## VIBRATION

POWER SPECTRAL DENSITY: .04g/HZ  
 FREQUENCY RANGE: 20Hz-2Khz  
 DURATION OF TEST PER AXIS: 3 hours

## SHOCK

3 X 11 ms pulses of 50g on each of 3 axis

## WEIGHT

1.00 lbs +/- 0.10 lbs (0.45 kg +/- 0.05 kg)

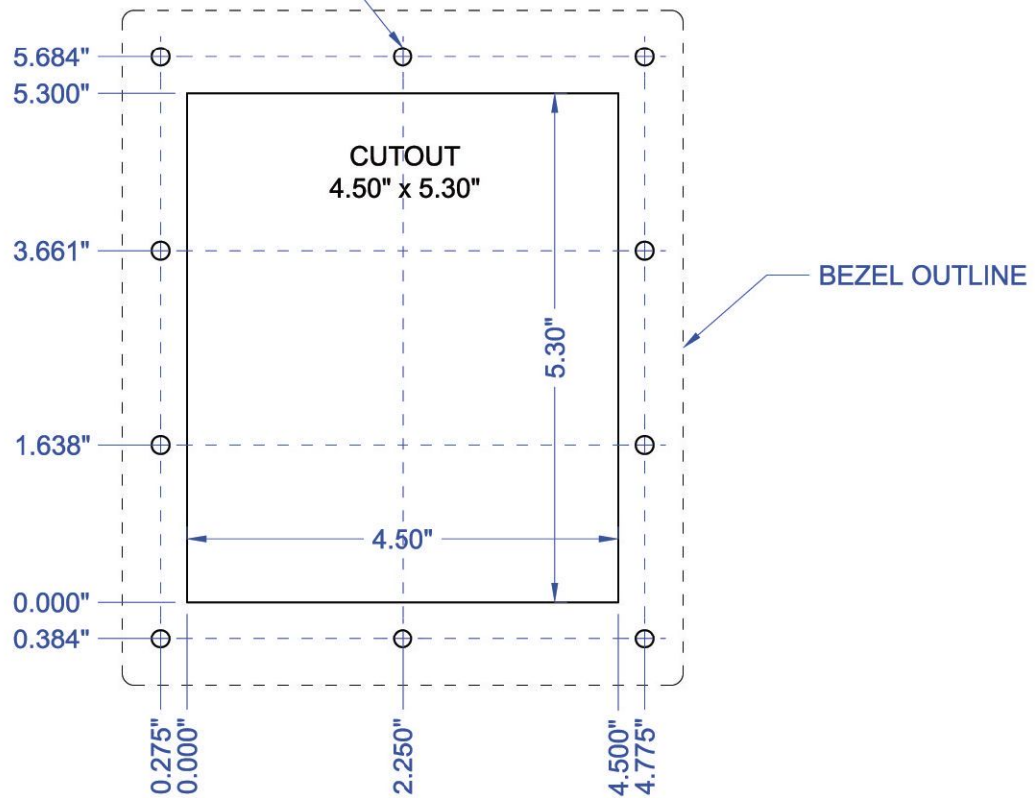
PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

Part Number: PM-18	Drawing Number: MKT0054	Sheet: 1 OF 2	
Drawing Title: PM-18-MKT	Revision: 1.00	Date: 12.09.08	JWB

# PM-18 MOUNTING

3/16" DIAMETER THROUGH HOLE  
(10 PLACES)



NOTES:  
- PCB COMPONENTS REQUIRE 0.35"  
CLEARANCE FROM BACK

PM BEZEL: Stainless Steel with #8-32 x 0.50" Studs (10 Places)

PROPRIETARY AND CONFIDENTIAL

SCALE: 1:2

Part Number: PM-18	Drawing Number: MKT0054	Sheet: 2 OF 2	
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