

PM-1000-IS

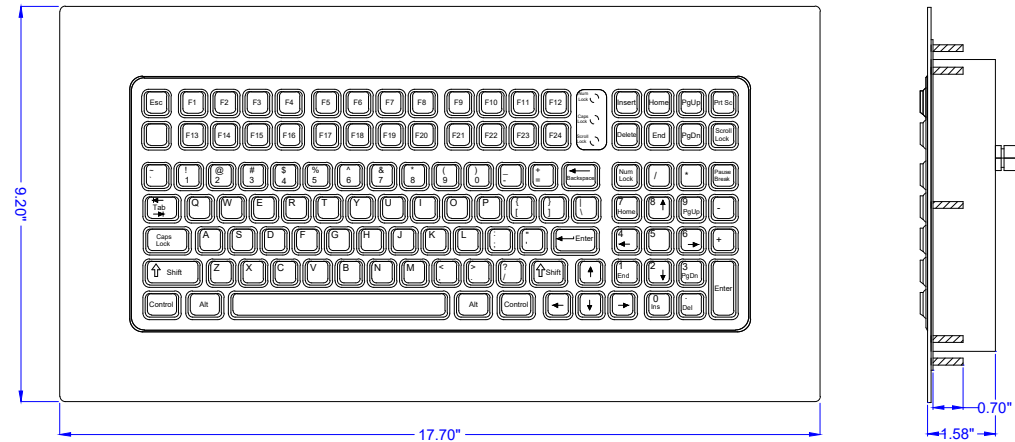
| DATE | CHANGES | INTL | REV |
|----------|---|------|-----|
| 08.03.18 | Original | AH | 1.0 |
| 03.20.19 | Added iKey PS2-IS-BARRIER as barrier option | AH | 2.0 |

DESCRIPTION: The PM-1000-IS is full size 102-key keyboard with a 10-key numeric keypad in a ruggedized stainless steel Panel Mount enclosure carrying the FM Approvals Intrinsically Safe Certification.

USE: The PM-1000-IS is designed for use in Hazardous Locations as detailed below. The keyboard must be used in combination with either the Daisy Data P070-000294-01 EX210 Isolation Barrier or the iKey PS2-IS-BARRIER.

MAINTENANCE: There are no serviceable parts on this assembly.

INSTALLATION: The PM-1000-IS and either the P070-000294-01 or PS2-IS-BARRIER Barrier should only be installed in Hazardous Locations as detailed in the Certification and Operating Specifications section. Installation shall be in accordance with NEC, Article 504, ANSI, NFPA 70, reference Drawing Number HL0076.



CERTIFICATION AND OPERATING SPECIFICATIONS:

INTRINSIC SAFETY:

Class I/II/III, Division 1, Groups C/D/E/F/G

TEMPERATURE CLASS:

T4 (-40°C ≤ T4 ≤ +75°C)

ENCLOSURE TYPE:

Type 4X

STANDARDS FOR US APPROVAL:

FM3600:2018, FM3610:2018, FM3611:2018, FM3810:2018, ANSI/UL 60079-0:2013 (Group IIB), ANSI/ISA 12.12.0:2015, ANSI/ISA 61010-1:2012, NEMA250:2014

POWER:

Reference Drawing Number HL0076 for Power Requirements

WEIGHT:

8.25 lbs +/- 0.10 lbs (3.74 kg +/- 0.05 kg)

No revision to drawing
w/o prior FM approval

PROPRIETARY AND CONFIDENTIAL



iKey, Ltd.
2621 Ridgpoint Dr. Suite 235
Austin, Texas 78754

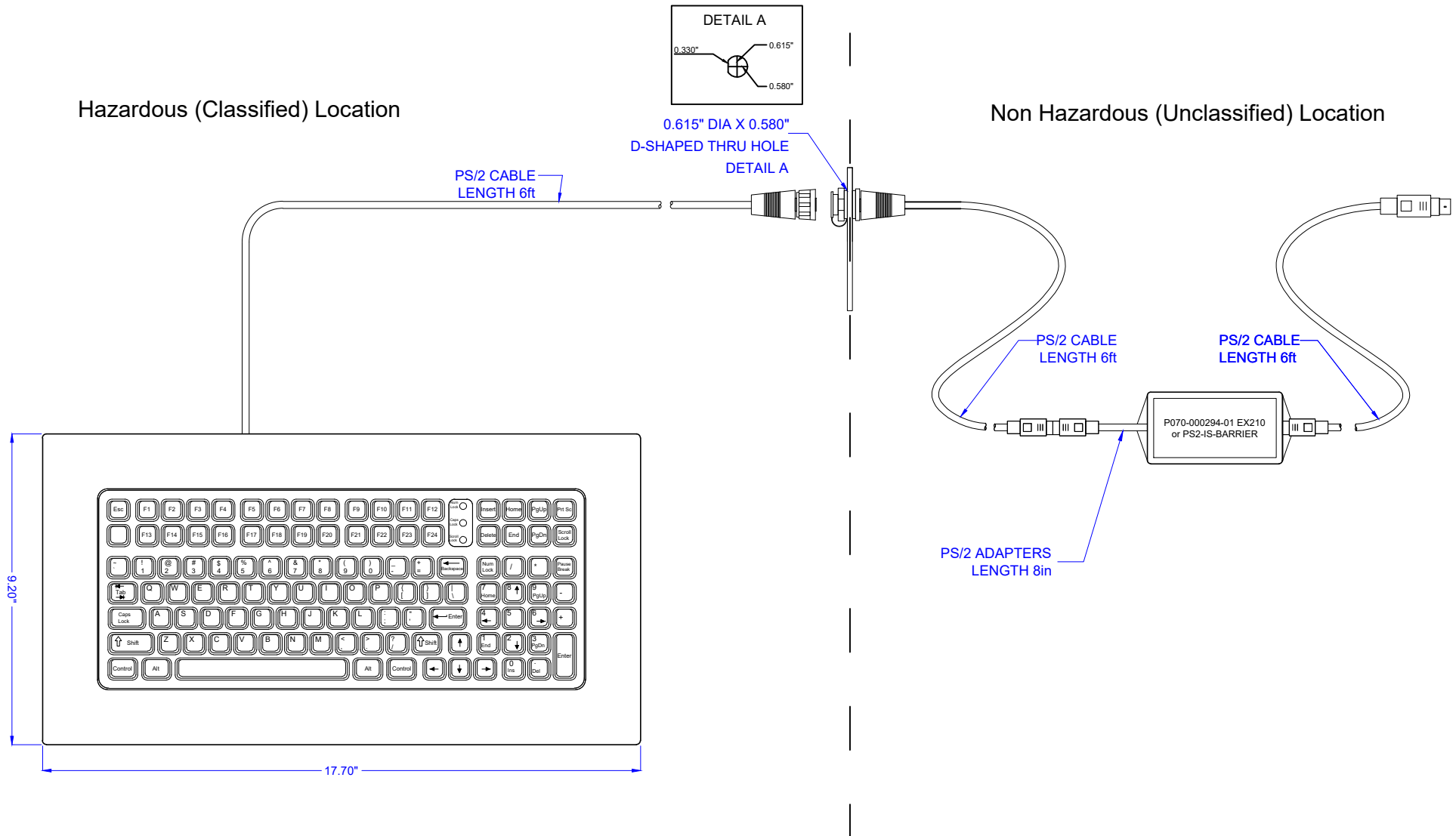
©2019 iKey, Ltd.
Voice: (512) 837-0283
Fax: (512) 927-8530

Part Number: PM-1000-IS
Drawing Title: PM-1000-IS-MKT

Drawing Number: MKT0464
Revision: 2.0

Sheet: 1 OF 2
Date: 03.20.19
ALH

ASSEMBLING AND DISMANTLING: The PM-1000-IS keyboard must be assembled with either the P070-000294-01 or PS2-IS-BARRIER Barrier as shown in the connection diagram below and in accordance with Drawing Number HL0076. There are no serviceable parts in this assembly.



No revision to drawing
w/o prior FM approval

PROPRIETARY AND CONFIDENTIAL