

# 4000 Series MiAccess Proximity Module

4000 Series Standalone MiAccess (Mifare) Proximity Module for use with the MiAccess System



Art. 4849MI

Art. 4849MI/M

Art. 4849MI/BL



PBX-1E-MS50

PBXB-1E-MS50

PBXBK-1E-MS50

PBXG-1E-MS50

PBXR-1E-MS50

PBX-2-MS50

PBX-2-MS70

Art.	4849MI
<b>DESCRIPTION</b>	Modular 4000 series standalone Mifare proximity module for use with the MiAccess system
<b>FRONT FASCIA OPTIONS</b>	Mirror Stainless Steel, /M Matt 316 Marine Grade Stainless Steel, /BL Gun Metal Grey
<b>INDICATION LED'S &amp; REASSURANCE TONES</b>	Yes: Tri-colour halo indication LED, amber = standby/data, green = access granted, red = access denied, internal audible buzzer
<b>PROTOCOL &amp; CARD TYPE</b>	Mifare reader with sector read/write and support for Mifare classic, 1K & 4K fob/card types
<b>READ RANGE &amp; OPERATING FREQUENCY</b>	up to 6 cm (approx.) with an operating frequency of 13.56MHz
<b>IP RATING</b>	Main reader has sealed resin potted electronics with IP65 rating
<b>COMPATIBLE FOBS / CARDS</b>	1K Fobs: <b>PBX-1E-MS50</b> (grey), <b>PBXB-1E-MS50</b> (blue), <b>PBXBK-1E-MS50</b> (black), <b>PBXG-1E-MS50</b> (green), <b>PBXR-1E-MS50</b> (red), 1K card: <b>PBX-2-MS50</b> , 4K card: <b>PBX-2-MS70</b>
<b>CABLE COLOUR &amp; TERMINAL CONNECTIONS</b>	Pre-wired 10 core cable 0.5m (approx.). Orange = PTE (PB), Green = tamper (T1), Blue = tamper (T2), red = +pos (+12V), black = 0V (GND), white = NO, yellow = COM, grey = NC, pink = RS485 (A) and violet = RS485 (B)
<b>RELAY OUTPUT &amp; RS485</b>	1 Dry contact relay: white = NO, yellow = COM, grey = NC wires (2A - 24V ac/dc), RS485 bus wires: pink = A and violet = B for remote relay connection RU2, DINRTT or RTT
<b>RELAY TIME</b>	Programmable relay time: 1-255 seconds or 0=ON/OFF [toggle] mode
<b>PROGRAMMING METHOD</b>	Programming is carried out via the micro-USB port on the rear of the reader using the <b>PROA-MS</b> or <b>PROH-MS</b> MiAccess PC software
<b>OTHER PROGRAMMING FEATURES</b>	Unlimited user (fobs/cards) capacity with up to 3500 events logged. Collect events directly from the reader via the micro-USB port or from a programmed 'events collect card'. Includes feature to 'black list' cards that have been lost or stolen (up to 500 cards max.). Program personalised access rights for each user are registered directly onto a user's individual card. Scheduled activation feature with 4 definable actions of lock, unlock based on the time and day of the week. Firmware upgrades supported via the micro-USB port.
<b>PTE INPUT / TAMPER</b>	1x switched 0V input (push-to-make) orange wire PB / tamper T1 & T2 switch wires green and blue
<b>MODULE SIZE</b>	1 module 4000 series: 103 (W) x 120 (L) x 30 (D) mm
<b>WORKING VOLTAGE</b>	12Vdc (compatible PSU's: <b>521B</b> and <b>HDR-15-12</b> )
<b>POWER CONSUMPTION</b>	During Operation: 150mA (max.)
<b>WORKING TEMP.</b>	-10° to +50°C