Access 8 CMpin t Illuminatum
Reliable pin pad reader with a lighted keypad

Access 8 CMpin t Illuminatum with a lighted keypad is a user-friendly choice for environments without a light source. The keypad area of the reader is visible only after activation by a contactless RFID transponder, or, by keypad presses. The keypad is not lighted all the time, so the reader does not attract unnecessary attention.

Use of a personal pin code with an identification card always improves security in all applications. This makes pin pad readers an excellent choice for environments where additional security features are required. The readers are very robust as there are no moving parts in the keypad, and due to this no maintenance is required. The keypad of the reader is based on EMFi foil technology. The EMFi foil senses pressure changes on the active key area when pressed. The foil as well as the electrical parts of the reader are cast in epoxy and are therefore safe from damage inside the reader.

Access 8 CMpin t Illuminatum offers advanced options for reader configuration. Access 8 CMpin t Illuminatum reads compatible application specific data from one selected sector of the Mifare® Standard transponders and supports also Mifare® Multi-application transponders. A configuration card defined by Idesco or the customer can be used in programming the required reader output, application specific keys as well as the sector to be read. Also the required data length can be defined according to individual application demands. In case there is no sector coding on the card, the reader reads the serial number of the card. The pin code can be sent out in various formats.

Reliability and the robust design ensure that the readers function even in harsh environments and in all kinds of weather conditions. The readers can be installed directly onto a metal surface without any insulation. The housing is available in black and grey. The reader is also available with a customer logo. Design of the reader is protected by international registration.

Specifications

Voltage	24 V (+10…+30 V)
Current consumption	130 mA
Interfaces:	Wiegand
	RS232
	Clock and Data
Data length	Adjustable
Material of design housing	Plastic
Dimensions of housing (hxwxd)	138 x 44 x 24 mm
Operating temperature	-40…+55 °C
Storage temperature	-40…+55 °C
Protection class	IP47
Cable	LIYY 3 m
Led	Tricolor
Buzzer control	cable
Carrier frequency	13.56 MHz
Field strength	According to EN300330
EMC	Meets CE requirements