Protocol readers Reader O-1-A / K-1-A / X-1-A (125kHz)

Reader O-1-A   **Reader K-1-A**   **Reader X-1-A**

- Proximity cards and tags protocol readers with capacitive keypad or card holder
- In O, K or X type casing for surface installation (standard version)
- Reading frequency 125kHz
- Encrypted communication between reader and controller
- For advanced access control systems with controllers Populus P or Regis T
- Designed for business and government buildings, hotels, R&D facilities, financial institutions, server rooms, archives, warehouses, hospitals, shops, labs, etc.
- Color changing transparent part of the casing and buzzer for door status signalization (white – locked, green – unlocked, red - error)
- Optional wall box for flush mounting
- IP 21 - surface installation, IP 65 - into optional Wall Box for flush mounting

TECHNICAL DATA
- **Dimension:**
  - **surface installation (standard option): 90 x 90 x 20 mm**
  - **flush mounting (into optional wall box): 90 x 90 x 12 mm**
- **Reading frequency: 125 kHz**
- **Reading distance: up to 12 cm**
- **Communication with controller: 26-bit Wiegand or Jantar protocol**
- **Protection:**
  - **surface installation: IP21**
  - **flush mounting: IP65**
- **External power supply 9 to 14 V DC (Populus P, Regis T)**
- **Operating temperature: from -20° to +40° C**
- **Max. current consumption: 0.1 A**
- **Color changing transparent part of the casing and buzzer for door status signalization**
- **Max. cable length between reader and access controller: in case both reader and door strike are powered from controller - 30m, if door strike is powered by separate power supply, max. serial communication cable length is 300m**

ORDERING CODES

Code	Specification
Reader O-1-A	Protocol reader in **O** box , 125 kHz
Reader K-1-A	Protocol reader with capacitive keypad in **K** box , 125 kHz
Reader X-1-A	Protocol reader with card holder in **X** box , 125 kHz