IDESCO

8 CL 2.0

- Auto-polling LEGIC reader with additional third-party transponder support
- Multi-technology support
- Secure key storage in LEGIC module
- Flexible RS232 data framing options
- Dual operation: can be switched from autopolling mode into command mode
- Configuration with configuration card
- Advanced configurable security features: secured communication on circuit board, tamper activated memory erasing, secured host communication

Basic   Slim   Slim Pin

Technical specifications

Operating Frequency	13,56 MHz
Voltage	+10 VDC .... +30 VDC
Current Consumption	25 Min mA @ 24 VDC, 55 Max mA @ 24VDC, 35 Avg mA @ 24 VDC
RFID chip support	LEGIC® Prime, LEGIC® Advant, MIFARE® DESFire, MIFARE® Classic, MIFARE® Ultralight, MIFARE® Plus, NFC, INSIDE Secure, Sony Felica, ISO15693
Antenna	Internal
Keypad	2 x 6 Capacitive. On request: 3 x 4 Mechanical
Available housings	Basic, Slim, Slim Pin. (On request: Quattro N, Quattro Pin SD, Desktop)
Dimensions of housing (hxwxd)	Basic: 110 x 43 x 24 mm, Slim & Slim Pin: 141 x 43 x 19 mm
Material of housing	Plastic
Installation method	Screws
Colour	Black
Customized versions	Yes, with sticker or lens
IK rating	Basic: IK-10, Slim: IK-09
Protection class	IP67
Inflammatory class	Horizontal specimen UL94 HB, vertical specimen UL94 V-2
Operational temperature range	-40...+65 °C
Storage temperature range	-40...+65 °C
Outputs	1 FET-output, 1 current limited output
Inputs	green, red, buzzer, pin disable, in1 and backlight in
Interfaces	RS-232, Wiegand, Clock&Data
EMC	ETSI EN 301 489, EN 60950-1
Field strength	According to EN300330
Frequency allocation	ETSI EN 302 291
Cable	3m pigtail
LEDs	1 x three-colour. LED modes can be configured
Led control	By wire
Buzzer	Buzzer modes can be configured
Buzzer control	By wire
Optical Tamper	Yes, configurable
Re-read delay	Adjustable, default 3 s
Backlight	Yes, configurable
Configuration	Yes
Reading distance	30-80 mm, varies depending on used transponder type and environment