



DL12[M] Mini Proxy
Dimensions: 80x40x18 mm
Reading distance: 5 cm.



DL16[M] Proxy
Dimensions: 120x43x22 mm
Reading distance: 8 cm.



DL13[M] Square
Dimensions: 89x89x20 mm.
Reading distance: 8 cm.



DK23[M] Square+Keypad
Dimensions: 89x89x26 mm.
Reading distance: 5 cm
Back lighted keys
* = Clr # = Ent

Notes: - By default, readers are delivered in black. Special orders may be done in grey (G)
- Letter 'M' stands for 13,56 Mhz Smart card reader (instead of EM 125Khz).

Main features:

- ✓ Type of cable:
Wiegand interface: 8 wires shielded cable, 22 AWG., Max 150m
- ✓ Reading Standard:
 - DL12, DL13, DL16, DK23:
Wiegand 26-Bit 125KHz EM.
 - DL12M, DL13M, DL16M, DK23M:
Wiegand 26-Bit and 34-Bit 13,56 Mhz.
ISO14443A, ISO14443B (Mifare)
- ✓ Operating Voltage Range: 5 – 16 VDC
- ✓ Reader consumption: Typical: 80mA, Max: 150mA
- ✓ Built-in audible buzzer acknowledging card reading and bicolor Led acknowledging access.
- ✓ Tamper Output: a built-in a tamper switch (Optical detection. N.C. mode) allows raising an alarm when the reader is removed from the wall or the cable is cut.
- ✓ Hidden mounting screws deters vandalism.
- ✓ The DL13 and the DK23 were designed to fit global electrical back boxes with a 60mm space between holes.
- ✓ Operating Temp. range : -30°C to 65°C .
- ✓ Operating Humidity: 0-90% (relative non-condensing) Indoor/Outdoor Design

Wiegand reader connection	
Cable Colour:	Controller connector
Red (+V)	5v to 16V
Black (0v)	0v
Shield	Ground
Green (Data-0)	CLK or CK
White (Data-1)	DAT or DT
Brown (Red Led)	LR (or LED2 / LED5 ¹)
Orange (Blue or Green Led)	LG (or LED1 / LED4 ¹)
Yellow (Beeper)	BUZ or BZ
Purple (Tamper switch N.C.)	If required, to one of the alarm inputs

Note 1: For TPL, See TPL Installation Manual for other Led connection options.

Controller Dip Switches:

TPL: JP4/6: on, JP4/7: off, JP4/8: off. On **TPL Rev.D1**, Set Dip switch DS2/4 to 'on'.
OPEN, SMART, NTL, TPLDR, JET and MEGA: DS1/6: on, DS1/7: off, DS1/8: off.

Note on Decimal Wiegand cards:

When using 26 bits EM decimal prox cards, set, via the PC application software, the controller to read 26 bits Wiegand decimal code.

