



prime Crystal (MIFARE® and LEGIC)



Readers from the prime Crystal line are characterised by their attractive design and the high level of user comfort they offer. The use of the latest technology also means that nothing is left to chance when it comes to achieving the highest security requirements. The prime Crystal reader with its glass front panel, was awarded a prestigious iF product design award. Freely definable colour effects allow the complete housing to be illuminated. The standard standby colour is white. Different events can be signalled by the use of different colours, e.g. green for door released, red for access denied.

prime Crystal with keypad

This reader has a 12 key capacitive keypad. With its glass surface, the keypad won't show any signs of wear and the unit requires very little servicing.

pKT master function

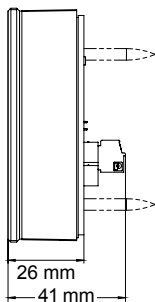
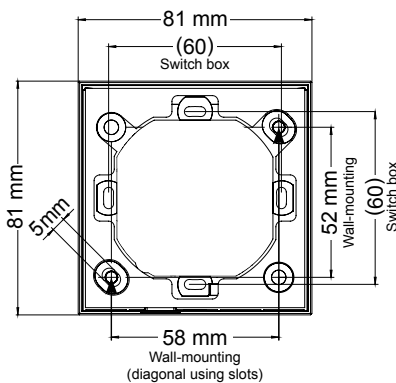
With this function, the reader can read individual access-related data from the card and at the same time, write new access-related information onto the card, e.g. updated access rights. The pKT master function is only available if the reader is connected to an IDT 32/IDT 2x controller.



Lighting effects:

Red: access denied,

Green: access granted



Features

- ▶ Suitable for internal installation
- ▶ Contemporary glass-fronted design
- ▶ Housing lights up in three colours, white, green and red
Alternative colours available on request
- ▶ Flexible, simple application
- ▶ Simple installation
- ▶ Low service requirements

pKT master function

- ▶ For reading and writing a person's access authorisations
- ▶ Access rights are administered in the host system
- ▶ Use of RFID credentials as information carriers
- ▶ Reaction time, typically 1 sec.
- ▶ Special authorised cards are possible, e.g. first responders

made in

Germany

Technical data

Power supply	9 - 50 VDC
Power consumption	LEGIC advant® 12/24/48 V: 180/100/60 mA MIFARE® DESFire® EV1 12/24/48 V: 150/90/65 mA
Housing	Translucent, impact-resistant plastic
Colour	White translucent
Dimensions (W x H x D)	81 x 81 x 41 mm
Weight	With keypad Typically 180 g Without keypad Typically 140 g
Protection class	IP40
Reader interface	RS485, Clock / Data
Read technologies	MIFARE® DESFire® EV1, MIFARE Classic®, LEGIC advant® or LEGIC prime HITAG
Keypad	Capacitive keypad with 12 keys

The device fulfils the specifications of DIN EN 60721-3-3:1995/A2:1997, Class 3K3,3Z11 (interior).

Ordering information

prime Crystal – Access control readers; prime Crystal, multi-protocol, white, pKT-compatible

L42A-188.26	MIFARE® DESFire® EV1, MC4
L42A-188.26-OSS	MIFARE® DESFire® EV1, MC4 / OSS
L42A-189.26	LEGIC advant®, LC4
L42A-189.26-OSS	LEGIC advant®, LC4 / OSS
L421-157.26	HITAG, HC4

prime Crystal with keypad – Access control readers with keypad; prime Crystal, multi-protocol, white, pKT-compatible

L43A-188.26	MIFARE® DESFire® EV1, MCK4
L43A-188.26-OSS	MIFARE® DESFire® EV1, MCK4 / OSS
L43A-189.26	LEGIC advant®, LCK4
L43A-189.26-OSS	LEGIC advant®, LCK4 / OSS

Accessories

Z040-052.01	Mounting column brushed stainless steel
Z170-013.01	Surface-mount frame