

# Pickersgill-Kaye Ltd

## High Security Access Control

### Deadlock Model L8789



Developed in co-operation with UK Government departments this Access Control lock has unique functionality and control features coupled with a robust and reliable heavy duty deadlocking mechanism ideal for high security applications.

This mortice lock can be installed in any security door (steel or wood). The lock case accepts all standard Euro-profile cylinders and can be supplied with a high security cylinder guard to protect the cylinder from external attack.

Connection to in-house access control systems is quick and easy as the lock is fitted with a standard CAT 5 socket for power and signal supply.

Key blocking via an access control system allows for remote/central control operation to prevent mechanical key override of the system in the event of the key being compromised, the area requiring to be locked down or for any other reason.

This would also prevent egress where a thumbturn is fitted to the inside of the door for exit purposes.



Typical installation

#### Features

- Heavy duty lock case machined from solid
- Case hardened steel bolt and ram
- Bolt held back when retracted
- Lock automatically deadlocks on door closure
- Stainless steel strike plate and lock forend
- Cable connector CAT 5 point for easy access control interface
- Easy to install and maintain

#### Functions

##### Mechanical

- Handle operation withdraws deadbolt
- Deadbolt remains retracted with door in open position
- Deadbolt auto throws and locks on closing door
- Key/thumbturn operation to unlock

##### Electrical

- Access control signal to unlock
- Remote blocking of mechanical key/thumbturn operation
- Monitoring
  - Bolt throw (bolt position)
  - Deadlock (deadlock activation)
  - Key used
  - Key blocked (status)

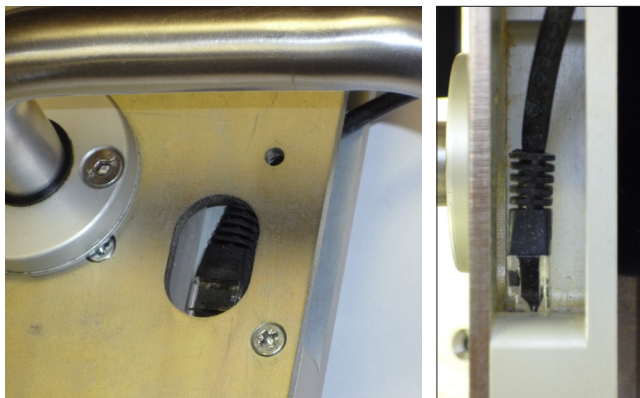
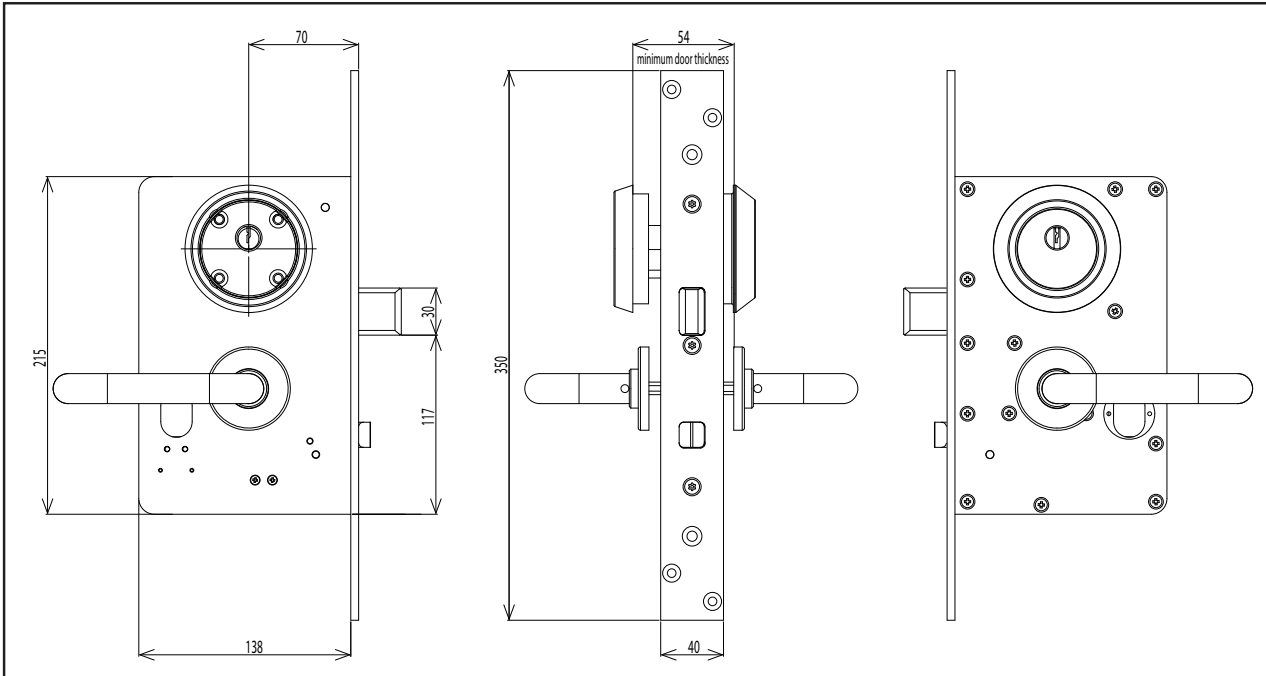


Image of Cat 5 connector installation into the lock for easy access control interface

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**L8789** Detailed interface drawings of the locks available on request

#### Lock version assembly numbers –

L8789-950-S	12 Volt	Deadlock-Fail Locked	Key Blocking-Fail unlocked
L8789-953-S	24 Volt	Deadlock-Fail Locked	Key Blocking-Fail unlocked
L8789-956-S	50 Volt	Deadlock-Fail Locked	Key Blocking-Fail unlocked
L8789-960-S	12 Volt	Deadlock-Fail Locked	Key Blocking-Fail Locked
L8789-963-S	24 Volt	Deadlock-Fail Locked	Key Blocking-Fail Locked
L8789-966-S	50 Volt	Deadlock-Fail Locked	Key Blocking-Fail Locked
L8789-970-S	12 Volt	Deadlock-Fail Unlocked	Key Blocking-Fail unlocked
L8789-973-S	24 Volt	Deadlock-Fail Unlocked	Key Blocking-Fail unlocked
L8789-976-S	50 Volt	Deadlock-Fail Unlocked	Key Blocking-Fail unlocked

- Handle, striker, cylinder guard options available
- Available direct from Pickersgill-Kaye Ltd



**Pickersgill-Kaye Ltd**

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