



Electronic locks and latches

990MFE Series Electric Mortice Lock



The Legge 990MFE Series Electric Mortice Lock is a true **multi-functional locking device**.

It has been developed for simplicity - simplicity for the stocklist, the installer and the end-user.

Available in both monitored and nonmonitored versions.



Fire rated for 4 hours



C-tick, S3 and D3



Features

- The 990MFE Series locks can be easily site configured:
 - single-sided locking (vestibule)/double-sided locking (combination)
 - power to lock (fail safe)/power to open (fail secure)
 - left hand/right hand operation
- 990MFEi also includes comprehensive monitoring
 - Door position monitoring by seed switch
 - Lock status monitoring by a combination of 3 locking parameters
 - locking bar (Hub/Handle/s locked)
 - deadlatching bolt (depressed)
 - latchbolt (out)
 - Dual key override monitoring (KOM)
 - Request to exit (REX) via hub/handle (s)
 - LED indication
- 10 year mechanical and 1 year electrical warranty

Selection Guide

1. Function

Select the desired function e.g. Vestibule lock L9V

2. Sub-function

Select the required sub-function e.g. V31 Office/classroom locking latch..... L9V31

3. Finish

Select the desired finish e.g. Satin chrome plateL9V31SCP

4. Backset

Nominate non-standard backset if required e.g. 70mmL9V31SCP70

Specifications Guide

Function

Fail secure L9VEG

Sub-function

refer to following pages

Finish

Satin stainless steel SSS

Backset

60mm standard

70mm 70

89mm 89

127mm 127

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Specifications

Part No.	990MFEi (monitored)	990MFE (non-monitored)
Function	Vestibule and combination lock (field selectable of either/both sides locked) Lock handed (left hand/right hand field selectable)	
Lock operation	Fail safe/fail secure adjustable on site - one product for both applications	
Voltage/Current	Multi-voltage - 12-24VDC/350mA momentary, 100mA operating including LED furniture if applicable Reverse polarity protected Lock secure status and key override microswitch max. rating 500mA@30VDC Door status reed switch max. rating 100mA operating	
Monitoring	1. Door position monitoring by reed switch 2. Lock status monitoring by a combination of locking parameters: • Locking bar (hub/handle/s locked) • Deadlatching bolt (suppressed) • Latchbolt (out) 3. Dual key override monitoring (KOM) 4. Request to exit (REX) via hub/handle (s) 5. LED indication	
Environmental	-20 to +60 degrees C	
Door thickness	32-50mm	
Backset	60mm Optional: 70mm, 89mm and 127mm	
Cabling	3m cable with 12 pin plug supplied	
Standard finish	Satin stainless steel (other finishes available on request)	
Factory configuration	Vestibule, 60mm backset, Fail safe, Left handed, Satin stainless steel finish	
Warranty	10 year mechanical and 1 year electronic	
Accreditations	  Fire Rated: Legge 990MFE is fire rated for 4 hours in accordance with Australian Standards AS/NZS 1905.1-1997, for use on fire resistant doorsets, refer to fire door manufacturers for specific approval details C-tick, S3 and D3	

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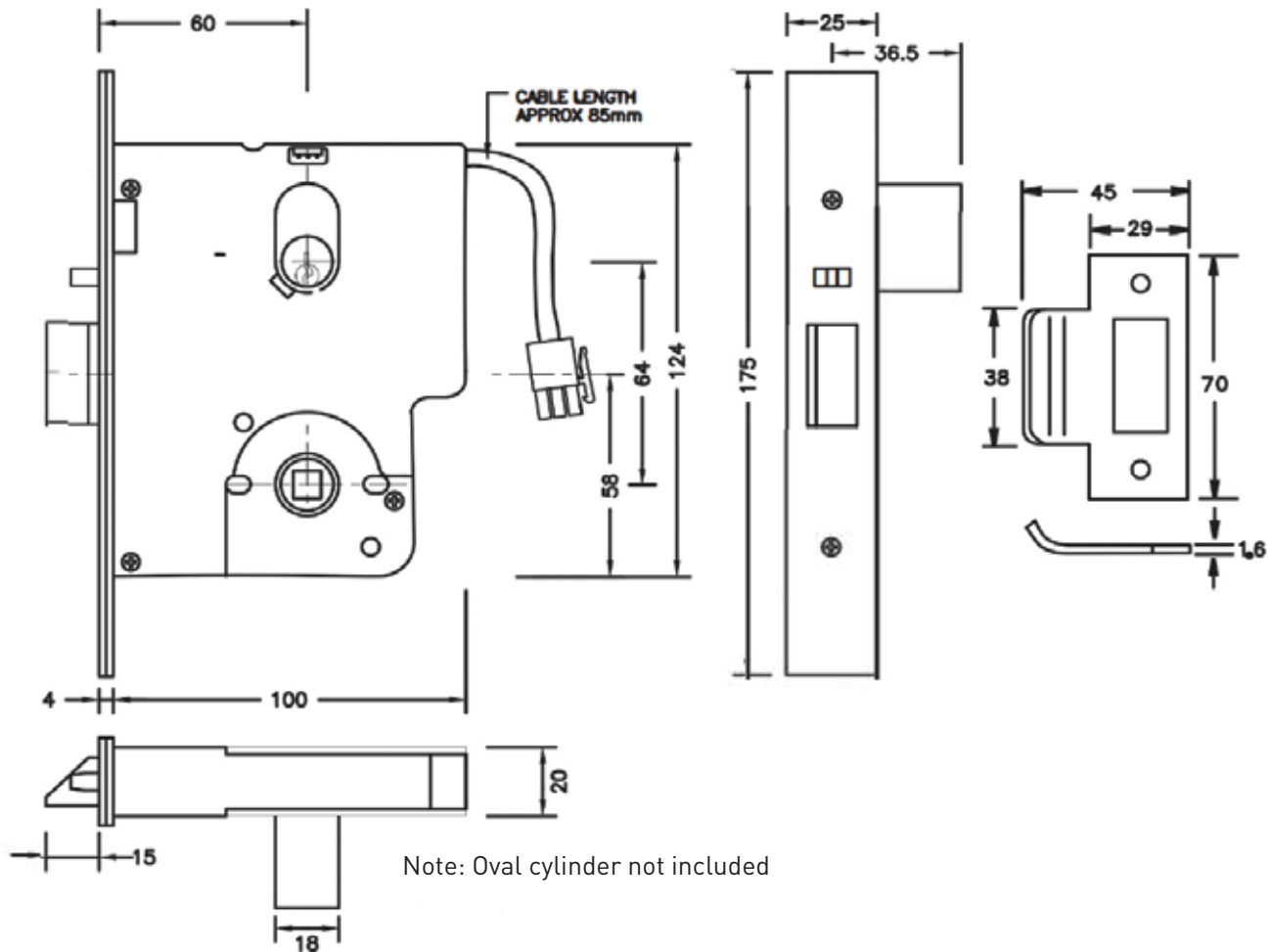
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Dimensions



Specification Statement

The lock should be capable of operation on voltages between 12-24VDC and have a current consumption not more than 100mA (holding).

Monitored locks must be capable of monitoring the following functions:

- Key override
- Door position reed switch
- Latch bolt, dead latching bolt and locking bar microswitches must be wired in series

All settings, including fail safe / fail secure, handing and hub REX selection, must be field configurable

Electrical Specifications

Solenoid Activation

12-24VDC 350mA momentary, 100mA max operating, Including LED (if applicable)

Lock Secure Status/Key Override Monitor

Microswitch max. rating 500mA@30VDC

Door Status Monitor

Magnetic Reed Switch 100mA operating

Plug arrangement

12 pin plug with 3m cable

Request to Exit (REX) Switches

Microswitches max. rating 1A@125VAC

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