FEL990 (12 Pin) Wire Connection Diagram

FSH
Electromechanical Locking

Lock Status : Door Open at Rest
Unlocked (Fail Safe)

Solenoid

Regulator

Red LED
Door Locked
Fail Safe (FS)

Solenoid On

Swap LED Leads
for Fail Secure

LED Drive

Green LED
Door Unlocked
Fail Safe (FS)

Solenoid Off

Reed Switch

Left Hand Operation (LH)
NC
NO

Right Hand Operation (RH)
NC
NO

DIP 3
DIP 4
DIP 5
DIP 6

DIP 1
DIP2

Key Override
NO
NC

Latch Bolt Monitor
NC
NO

Dead Latching Bolt

Locking Bar, (Handle(s) Locked)

Wire	Pin	Description
Black	1	0 VDC
Red	2	Solenoid 12-24VDC
Green	11	12-24VDC LED (+) for Solenoid Off
Yellow	10	Reed Switch (Door Closed Status)
Pink	8	Reed Common
Brown	7	Hub Common
Blue	4	Hub Monitor (Handle) (RH/LH, NO/NC)
Violet	6	Key Overirde Monitor (Both Sides)
Orange	9	Key Overirde Monitor
Grey	5	Solenoid, Lath & Deadbolt Common
Light Blue	3	Solenoid, Lath & Deadbolt Lock/Unlock (Secure Status)
White	12	Lock/Unlock (Secure Status) Centre tap

12 Pin Plug

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