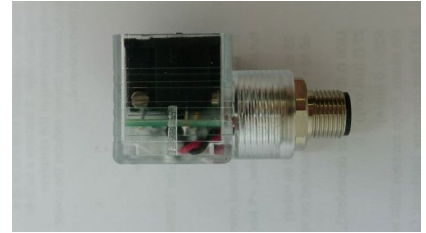


EL PLUG DIN-M12 Adapter**Item numbers covered by this datasheet**

302543 EL PLUG DIN-M12 Adapter

**General**

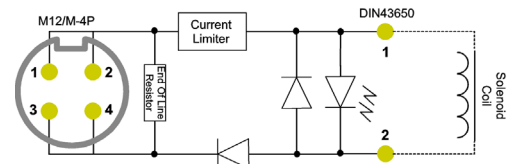
This adapter is designed to connect a M12 connector to a DIN 43650A connector for connection to a solenoid. The LED indicator on the connector confirms the power to the solenoid. A built-in current limiter reduces the risk for overheating and the surge diode prevents surge from the the coil inside the solenoid. The built-in End Of Line resistor (EOL) allows monitoring of the circuit.

Technical specifications

Voltage Activation:	24 VDC
Max.:	30 VDC
Min.:	See the solenoid specifications
Current limiter:	0.5 Amp (self-resetting)
Operating temperature:	-25 to +70 °C
Resistance:	
Monitoring:	6K8Ω (EOL), default (only with “Reserve polarity activation”) It is possible to replace the EOL resistor. (The resistance > 2K2Ω, resistor pin diameter: Ø 0.5 mm)
Indicator:	
Power to the solenoid	Red LED
Connection:	M12 male (4 poles) - DIN43650A (2P + Earth). (Connection to the M12 Male/4P, use FE item no. 305465, Cable M12-4P/F 2m)
Other information:	
Material:	Clear polyamide
H×W×D:	29x55x27 mm
Weight:	37 g

Markings

Fire Eater Logo
 Device item no. 302543
 Device name: EL PLUG DIN-M12 Adapter

Schematic

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Installation

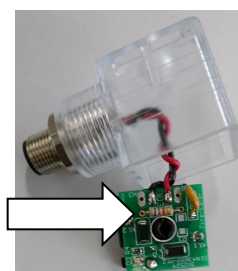
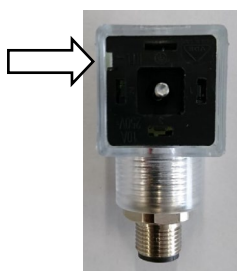
- Connect the M12-4P/F to the adapter. (Don't connect the adapter to the solenoid)
- Activate the control panel and see if the LED inside the adapter lights up.
- Reset the control panel.
- Connect the adapter to the solenoid by the center screw.



Changing the EOL resistance.

As the EOL resistor is placed in a socket, it is possible to replace the resistor.

- Remove the center screw.
- Use a thin screwdriver to disassemble the plug (DIN43650) by inserting the screwdriver into the small crack and take the plug out. Be careful with the wires. See below picture.
- Remove the resistor and replace it. (Resistance > 2K2Ω, pin diameter Ø: 0.5 mm). See below picture.
- Assemble the plug.
- Test the adapter according to the installation.



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