

# MASTER

## DEC Series - Diesel Engine Fire Pump Controllers

List Prices  
Effective: January 2, 2023

Customer Service  
(847) 295-1010  
sales@mastercontrols.com



*Standard units provide Enhanced G4 Innovation, 300 PSI brass wet parts, NEMA 12 enclosure 7 inch HMI, Data Recorder, Programmable Option Chassis, Ethernet Connection, Conformal Coating, Auto test, Dual 10 amp Battery Chargers, 5 year warranty, and 5k lightning guarantee. Controllers are suitable for energize to start or energize to stop UL/FM Listed engines.*

### DIESEL CONTROLLER AND BATTERY CHARGER

Model Number	Description		List Prices
DEC-12N-115-XG4	115 VAC 50/60 HZ	12 VDC, Neg Grd. - Wall mounted controller	\$8,460.00
DEC-12P-115-XG4		12 VDC, Pos Grd. - Wall mounted controller	\$9,540.00
DEC-24N-115-XG4		24 VDC, Neg Grd. - Wall mounted controller	\$8,600.00
DEC-24P-115-XG4		24 VDC, Pos Grd. - Wall mounted controller	\$9,680.00
DEC-12N-230-XG4	230 VAC 50/60 HZ	12 VDC, Neg Grd. - Wall mounted controller	\$8,460.00
DEC-12P-230-XG4		12 VDC, Pos Grd. - Wall mounted controller	\$9,540.00
DEC-24N-230-XG4		24 VDC, Neg Grd. - Wall mounted controller	\$8,600.00
DEC-24P-230-XG4		24 VDC, Pos Grd. - Wall mounted controller	\$9,680.00

Note: Contact factory for positive ground controllers

### ALARMS LIGHTS AND CONTACTS

Symbol	Description	List Prices
POC	Programmable Option Chassis, 8 SPDT contacts	Standard

### ENCLOSURES

Symbol	Description	List Prices
12	NEMA 12 dusttight, driptight enclosure	Standard
3R	NEMA 3R raintight enclosure	\$500.00
4	NEMA 4 watertight enclosure	\$710.00
4XB	NEMA 4X corrosion resistant 304 ss watertight enclosure	Quote
4XC	NEMA 4X corrosion resistant 316 ss watertight enclosure	Quote
12B	Adds 36" NEMA 12 base cabinet for 72" height	\$2,000.00
L	Adds 18 inch painted legs to any of the above controllers	\$520.00

Note: Add the "B" or "L" immediately after the enclosure option code. For example, "12" becomes "12B" or "12L"

### MISCELLANEOUS MODIFICATIONS

Symbol	Description	List Prices
FC	Foam Controller upgrade (adds pre-programmed POC)	\$300.00
5C	Brass purge fittings (two 1/2" FPT bulkhead fittings for instrument air)	\$400.00
5D	Stainless Steel purge fittings in sizes as shown above (For NEMA 4X)	\$700.00
8E	CE declaration of conformity for the European Community	\$1,440.00
15	300 PSI, 316 Stainless steel pressure transducer, drain valve, and wet parts	\$3,520.00
15A	300 PSI Stainless steel pressure transducer, drain valve, and wet parts	\$3,100.00
16A	500 PSI Pressure transducer, drain valve, and wet parts	\$660.00
17GS	DC louver control relay - power open/power closed	\$170.00
19	Space heater	\$250.00
20	Space heater with thermostat	\$370.00
20A	Space heater with humidistat	\$370.00
32	Low Pump Room Temperature Switch	\$300.00
48E	Email notifications	\$1,450.00
83LT	Low suction pressure transducer	\$540.00

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**DIESEL CONTROLLER ACCESSORIES**

<b>Symbol</b>	<b>Description</b>	<b>List Prices</b>
4817	Low Fuel Switch (shipped loose for field installation)	\$480.00
4817L	Long Rod Low Fuel Switch as above (for large diameter or tall tanks)	\$620.00
6288	High Fuel Switch (shipped loose for field installation)	\$480.00
FTM-12	Fuel Tank Monitor panel	\$2,250.00
FTM-24	Fuel Tank Monitor panel	\$1,850.00
FTMC15	Fuel Tank Monitor cable and transducer - 15 feet (requires BHC)	\$200.00
FTMC30	Fuel Tank Monitor cable and transducer - 30 feet (requires BHC)	\$250.00
FTMC45	Fuel Tank Monitor cable and transducer - 45 feet (requires BHC)	\$300.00
BHC	Bulkhead connector for transducer for FTM	\$100.00
DRC	Second set of remote contacts for Low, High, and Full Fuel	\$300.00
TCP	TCP/IP converter (RTU standard)	\$1,800.00
VC11	High fuel cut-off controller and disconnect switch - 115 vac	\$400.00
VC23	High fuel cut-off controller and disconnect switch - 230 vac	\$400.00
FFAP-2	Fuel Fill Alarm Panel in NEMA 4 enclosure	\$2,100.00

**Ordering Number Example:**



Controller with built-in Battery Charger	12 VDC, Neg. Ground	115 VAC, 50/60 HZ	G4 Innovation
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<b>When ordering a Master Fire Pump Controller, please specify the following to ensure prompt delivery:</b>		
Complete Model Number	Battery Voltage/Capacity/Type	Engine Make and Model
AC Line Voltage & Frequency	Battery Polarity	Special Modifications