

MASTER

DEC Series - Diesel Engine Fire Pump Controllers

List Prices
Effective: January 2, 2025

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**

| Symbol | Description | List Prices |
|---------------|--|--------------------|
| 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:

| | | | | | |
|--|---|---------------------|---|-------------------|-----------------------------|
| DEC Basic Model | - | 12N | - | 115 | XG4 Modifications |
| | | | | | |
| Controller with built-in Battery Charger | | 12 VDC, Neg. Ground | | 115 VAC, 50/60 HZ | G4 Innovation |

| When ordering a Master Fire Pump Controller, please specify the following to ensure prompt delivery: | | |
|---|--------------------------------------|------------------------------|
| Complete Model Number | Battery Voltage/Capacity/Type | Engine Make and Model |
| AC Line Voltage & Frequency | Battery Polarity | Special Modifications |