

EconoGrade Series

Single Automatic Control Systems

Overview

Futura has developed a cost effective machine control series that has been in the market for almost 10 years around the globe and we continue to expand its place in the 2D Market

Feature Summary

The EconoGrade Series currently consists of two levels:

- EG1 System with plastic housing control box
- EG1-M System with the same features and functionality of the EG1 with a rugged metal control box

EG1 SYSTEM

Plastic Housing Control Box



EG1-M SYSTEM

Rugged Metal Control Box



EconoGrade Series Product Configuration Components

EG1	
RECEIVER DEADBAND	Selectable 0.003' - 0.098' (1mm - 30mm)
RECEIVER ON GRADE POSITION ADJUSTMENT RANGE	±0.17' (55mm) From center of receiver
RECEIVER WEIGHT	2.2 LBS (1 kg)
RECEIVER SIZE	15" H x 2.5" Diameter
RECEIVER CAPTURE AREA	6 in.
CONTROL BOX WEIGHT	3.4 LBS (1542 g)
CONTROL BOX SIZE	8" x 5.5" x 3"
WEATHER PROOF ENCLOSURE (IP57)	YES
ENCLOSURE TYPE	ABS Plastic
MILITARY CONNECTORS	YES
ADJUSTABLE ON-GRADE OFFSET	YES
LCD DISPLAY SCREEN	YES
LED INDICATOR LIGHTS	YES
LED BRIGHTNESS CONTROL	AUTOMATIC
OPERATING VOLTAGE	9 to 30 V
NOMINAL CURRENT CONSUMPTION (EXCLUDING VALVE DRIVE)	100 mA
NOMINAL VALVE CURRENT OUTPUT	5 A
NUMBER OF VALVE OUTPUTS	1
VALVE TYPES SUPPORTED	Proportional Time, Proportional Current 50Hz, Prop.Curr. 100Hz, Prop. Current 200Hz, Danfoss, SVC, Linear Actuator

EG1-M

RECEIVER DEADBAND	Selectable 0.003' - 0.098' (1mm - 30mm)
RECEIVER ON GRADE POSITION ADJUSTMENT RANGE	±0.17' (55mm) From center of receiver
RECEIVER WEIGHT	2.2 LBS (1 kg)
RECEIVER SIZE	15" H x 2.5" Diameter
RECEIVER CAPTURE AREA	6 in.
CONTROL BOX WEIGHT	3.4 LBS (1542 g)
CONTROL BOX SIZE	7.5" x 5.25" x 3"
WEATHER PROOF ENCLOSURE (IP57)	YES
ENCLOSURE TYPE	Cast Aluminum
MILITARY CONNECTORS	YES
ADJUSTABLE ON-GRADE OFFSET	YES
LCD DISPLAY SCREEN	YES
LED INDICATOR LIGHTS	YES
LED BRIGHTNESS CONTROL	AUTOMATIC
OPERATING VOLTAGE	9 to 30 V
NOMINAL CURRENT CONSUMPTION (EXCLUDING VALVE DRIVE)	100 mA
NOMINAL VALVE CURRENT OUTPUT	5 A
NUMBER OF VALVE OUTPUTS	1
VALVE TYPES SUPPORTED	Proportional Time, Proportional Current 50Hz, Prop.Curr. 100Hz, Prop. Current 200Hz, Danfoss, SVC, Linear Actuator

ACCESSORIES



Manual Mast



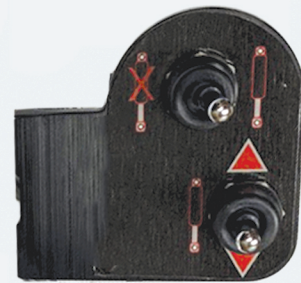
Shock Mast



Single Basic Remote



Carrying Case



Single Premium Remote



Cables



Side Mount



Mounting Brackets



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