

Outback eDriveESi™

Electric Steering Interface - accurate automated steering performance.



Outback eDrive® together with the ESi (Electric Steering Interface) delivers accurate automated steering performance in a simple-to-install package. The electric steering wheel and model-specific instructions included with eDriveESi reduce installation time to about two hours. Coupled with Outback eDriveXD, ESi provides decimeter-level steering control accuracy ideal for broad acre applications such as swathing. When coupled with eDriveXC, ESi delivers centimeter-level accuracy. Operators will quickly realize the accurate and consistent steering performance that reduces operating costs, inputs and driver fatigue.

Specifications

System

- Fast, accurate steering response
- Reverse operation
- Convenient, simple installation
- Easily transferable between machines
- Compatible with Outback STX and Outback MAX
- Up to 2cm cross track performance
- Disengage torque
 - 55 inch pounds (6.2 Newton-Meters)
 - 4.2 pounds with standard AgJunction steering wheel

Motor

Weight

- 8.7 pounds (4 kg)

Color

- Black textured gloss

Power

- Operating Voltage 9 – 32V DC, 1.5 Amps nominal, 15 Amps Peak
- Reverse voltage protection up to 36VDC

Environmental

- Water and Dust Ingress: IP5K2 IAW DIN 40 050 Part 9
- Storage temperature: -20C to +85C IAW EP455 5.1.2.1 level 2
- Operating temperature: -20C to +70C IAW EP455 5.1.2.1 level 2
- Random Vibration IAW EP455 5.15.1 and 5.15.3
- Mechanical shock IAW EP455 / MIL STD 202G, Method 213B and test condition B
- Handling and Shipping Vibration IAW EP455 5.14.2.1, 5.14.2.2 and 5.14.3

EMC

- FCC Part 15 Subpart B
- Radiated Emissions IAW ISO14982:2009, clause 6.4 broadband, clause 6.5 narrow band
- Radiated Immunity IAW ISO14982:2009, clause 6.6
- Conducted Transients IAW ISO14982:2009, clause 6.8
- Electrostatic Discharge (ESD) IAW ISO14982:2009, clause 6.7

Maximum torque

- 125 inch pounds (14 Newton-Meters)
- 9.5 pounds with standard AgJunction steering wheel



Ultimate Systems



Outback MAX
Advanced GPS Guidance



Outback STX
Advanced GPS Guidance

— or —



Outback eDriveXC
Automated Steering
Control



Outback eDriveXD
Automated Steering
Control

Sold locally by:

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