MAXCESS®
FIFE

Introducing the D-MAX Enhanced web guide controller from Fife, a ground breaking update to the flagship D-MAX controller.

With the ability to control up to **three guides** from a single unit, the D-MAX Enhanced is an OEM friendly controller that builds on the power of the original D-MAX, a controller praised in the industry, with twice the processing power and features like "dual rail" power, **single, dual or triple drive** options and ISaGRAF-based state machine programmability.

The D-MAX Enhanced now offers power input reverse polarity protection, standard PTP-2 and PTP-1, Device Level Ring (DLR) connectivity, Add On Profile (AOP) for Rockwell Automation® PACs, any language support, daisy-chain connectivity via Ethernet/IP or Profinet and backward compatibility with existing D-MAX controllers. The newly enhanced D-MAX is a major upgrade for operators.

GENERAL SPECIFICATIONS

D-MAXE CONTROLLER

Operating Temperature
0° C to 60° C
(32° F to 140° F)

Communication
Ethernet/IP, Ethernet
Modbus TCP and Profinet

Weight:

1.0 kg (2.2 lbs)

Protection Class

IP54

Mounting Options
Integrated or Remote Mount

Control
50W max input, Drive: 200W max input at +24 VDC or 400W max input at +48 VDC

Drives per Controller
1 (single), 2 (dual) or 3 (triple)

Max Motor Output
4 amps per drive

Sensor Inputs

4 total

Parallel Port Connectivity
Discrete 6 Inputs, 2 Outputs, Line Speed and Remote Guide Point Controller

OI-TS

Dimensions:
Wall mount:
128 x 105 x 38 mm
(5.04 x 4.134 x 1.496 inches)

Panel mount:
128 x 105 x 33 mm
(5.04 x 4.134 x 1.30 inches)

Weight:
600 g (1.32 lbs) (OI-TS without mounting accessories)

Protection Class:
IP64

Display:
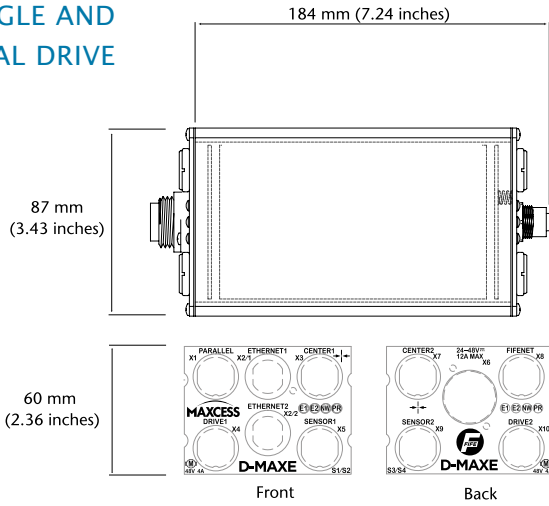4.3" TFT touch-screen display, 480 x 272 pixels

KEY FEATURES

- Power input reverse polarity protection
- Separate power input for control and motor drive
- PTPv2 and PTPv1
- DLR (Device Level Ring)
- AOP for Rockwell Automation® PACs
- Any Language support
- Accessible from any PLC that communicates over ControlNet, DeviceNet, Ethernet Modbus TCP/IP, EtherNet/IP, Profibus, Profinet, CC Link, and CANopen (may incur additional cost)
- Controller available as single, dual or triple-drive
- Two Built-in Ethernet ports
- Backwards compatible with other Fife web guide controllers
- Durable construction for low maintenance and long-lasting reliability
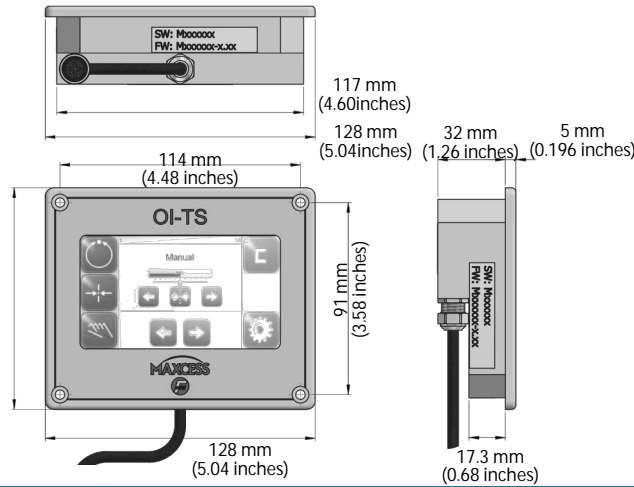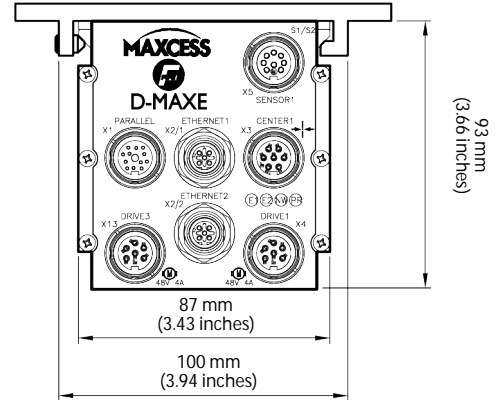- UL, cUL, and CE certified

DIMENSIONS AND SYSTEM SELECTION

SINGLE AND DUAL DRIVE

184 mm (7.24 inches)

87 mm (3.43 inches)

60 mm (2.36 inches)

Front

Back

TRIPLE DRIVE

93 mm (3.66 inches)

87 mm (3.43 inches)

100 mm (3.94 inches)

117 mm (4.60 inches)

128 mm (5.04 inches)

32 mm (1.26 inches)

5 mm (0.196 inches)

114 mm (4.48 inches)

91 mm (3.58 inches)

128 mm (5.04 inches)

17.3 mm (0.68 inches)

OI-TS

Manual

CONTROLLER	MOUNTING TYPE		DESCRIPTION
	Integrated (I) or Remote (R)		
D-MAXE-1	I	R	Single-drive controller with Integrated pre-wired configuration or Remote Mounting
D-MAXE-2	I	R	Dual-drive controller with Integrated pre-wired configuration or Remote Mounting
D-MAXE-3	I	R	Triple-drive controller with Integrated pre-wired configuration or Remote Mounting
OPERATOR INTERFACE	MOUNTING TYPE		DESCRIPTION
	Bezel (I) or Wall (W)		
OI-TS	B	W	Touch screen Operator Interface for single or dual-drive configuration Bezel or Wall mount bracket
OI-N	B	W	Networking Operator Interface for single or dual-drive configuration. Bezel or Wall mount bracket complete with Ethernet switch for multi-guide operation and CompactCom port for Industrial Protocol (IP) connectivity