

Topcon HCM-1

Implement Controller

Electrical Specifications

Supply Voltage	8-24 Vdc
Supply Current	Max 13 A @ 12 Vdc
Max Power	1.25 W (105 mA @ 12 Vdc) to 156 W
Inputs	10 analog inputs with 0-20 V range and 20 mV resolution, 9 digital inputs with guaranteed logic "on" of 4.5 V and guaranteed logic "off" of 1.4 V
Outputs	9 PWM outputs, 330 Hz PWM Frequency, Fully adjustable 0-3 A continuous output
Start-Up Time	4 seconds
CAN Baud Rate	250 kbps Typical 1 Mbps Max
Adjustable Report Frequency	35 ms typical (5 ms increments)

Environmental

Operating Temperature Range	-20 °C to 70 °C
Storage Temperature Range	-40 °C to 85 °C
Ingress Protection Rating	IP67, IP69K

Mechanical and Electric Loads

Over Voltage	18 V for 1 hour
Reverse Voltage	-18 V for 5 minutes

Physical Specifications

Dimensions	224 mm x 105 mm x 37 mm
Weight	0.8 kg
Connection Type:	Two Deutsch DTF13-6P One Deutsch DTF13-12P Five Deutsch DTF13-4P One USB Type A connector
Housing Material	Di-cast Aluminum

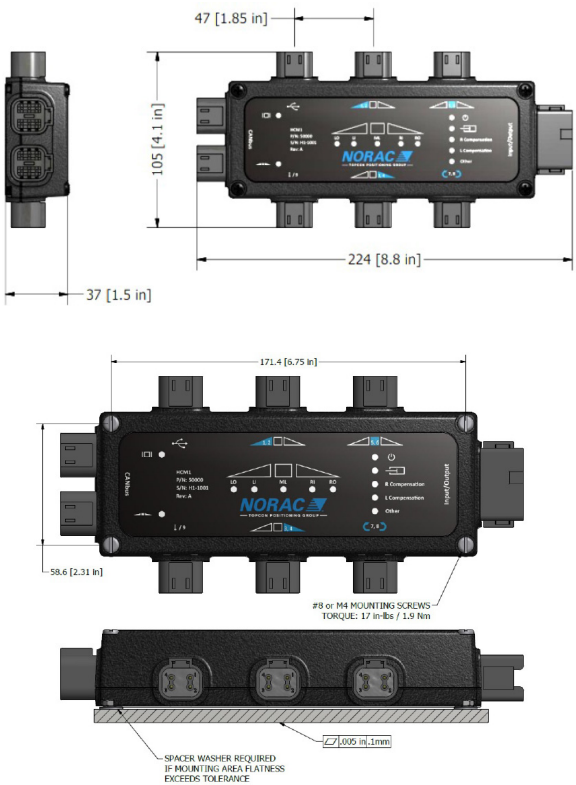
Communication

Communication	CAN bus 2.0
Protocol	ISO 11783 Compliant

Compliance

CE Compliance	Yes
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Dimensions



Primary measurements in millimeters (mm)

Specifications subject to change without notice.

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