

4

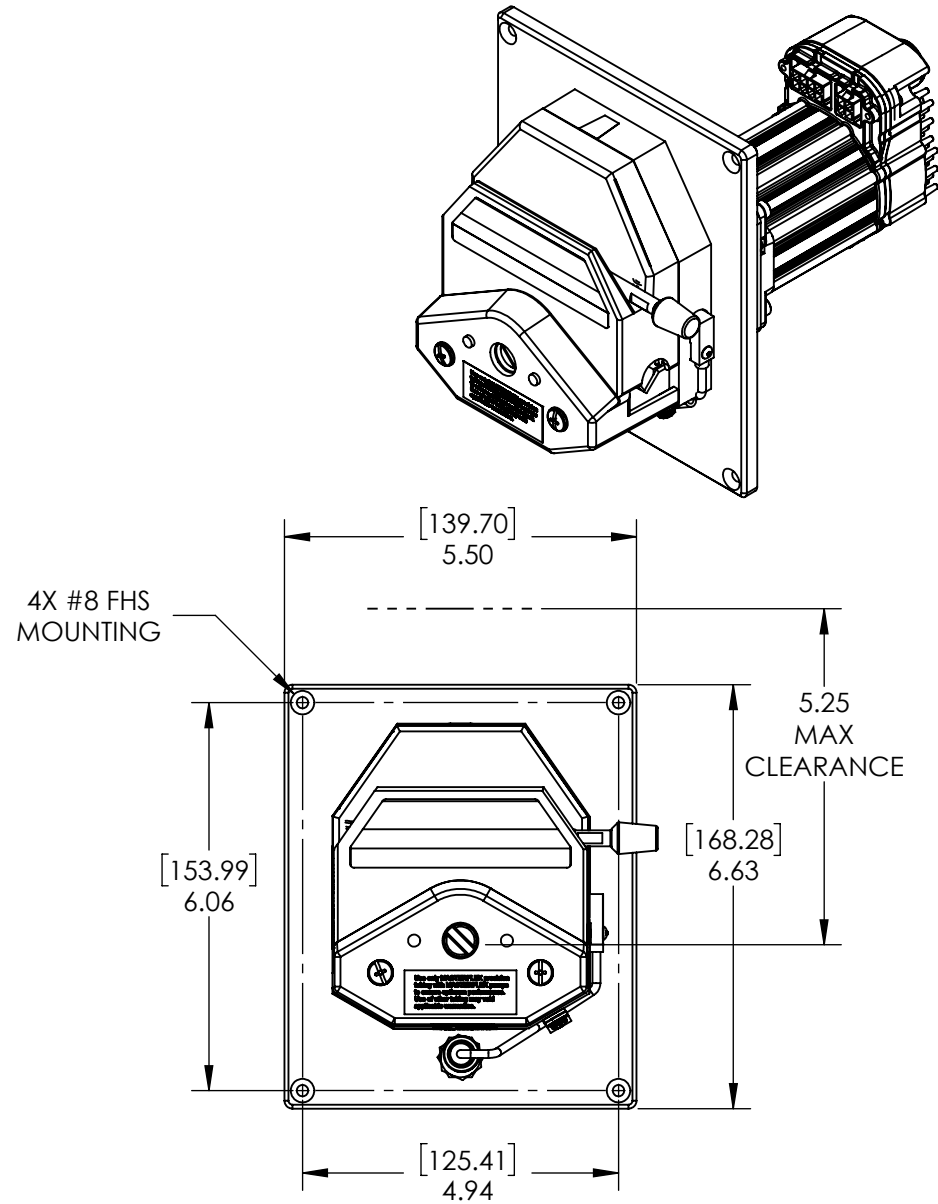
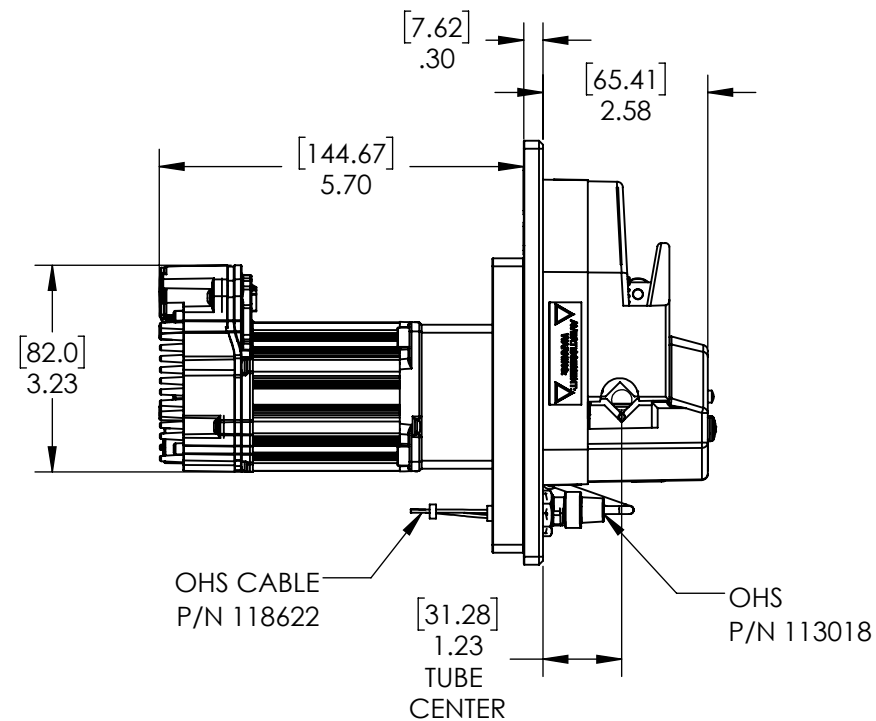
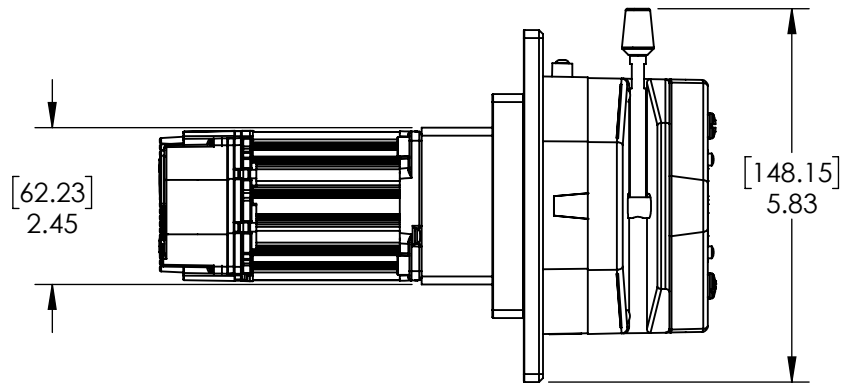
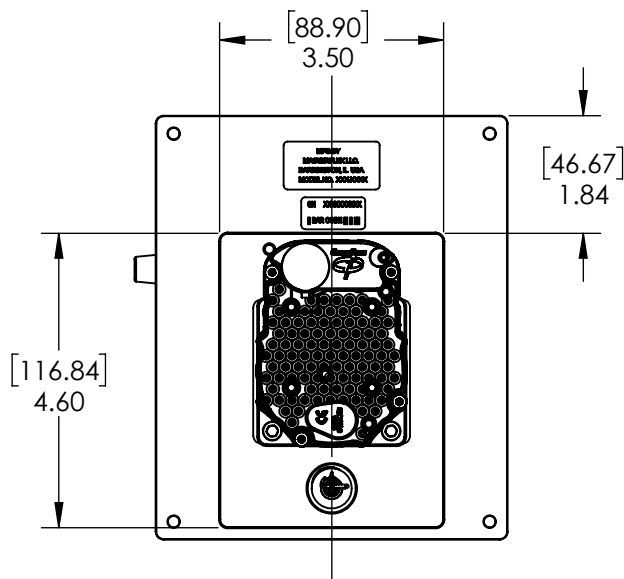
3

2

1

B

B



A

A

C	REVISED TO MATCH CURRENT RELEASED DESIGN	24893	JVS	05/09/26
B	THIS REVISION IS NOT USED		JVS	05/09/26
A	CUSTOMER SPECIFICATION DRAWING	24533	JVS	02/16/25
REV.	DESCRIPTION	EC	BY	DATE
REVISIONS				

NOTES:

- 48VDC, 148W PEAK POWER, BLDC MOTOR
- 0.1 - 2000 RPM, BIDIRECTIONAL
- 2300 mLPM USING L/S EASY LOAD 2, SIZE 18 TUBING @ 600RPM
- INPUTS AND OUTPUTS - SEE SHEET 2

DO NOT SCALE DRAWING	THESE COMMODITIES, TECHNOLOGY OR SOFTWARE, IF EXPORTED FROM THE UNITED STATES, WILL BE DONE SO IN ACCORDANCE WITH EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.					
	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MASTERFLEX LLC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MASTERFLEX LLC IS PROHIBITED.					
	CREATED BY:	JVS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES			
	CREATION DATE:	01/03/2025	TOLERANCES			
	CHECKED BY:	BTK	FRACTIONS			± 1/32"
	CHECKED DATE:	01/03/2025	MATERIAL:			N/A
	APPROVED BY:	JVS	CERTIFICATION OF CONFORMITY/ COMPLIANCE REQUIRED	☐ MATERIAL	☐ FINISH	☐ SOURCE CONTROLLED
SCALE:	1:3	INTERPRET GD&T PER: ASME Y14.5-2018	PART NAME: PANEL MOUNT, L/S EZL2, THN. 900-2597,900-2617, THK 900-2629, 900-2630		REV C	
		SHEET SIZE B	SHEET 1 of 2	DRAWING NO: 119122		

4

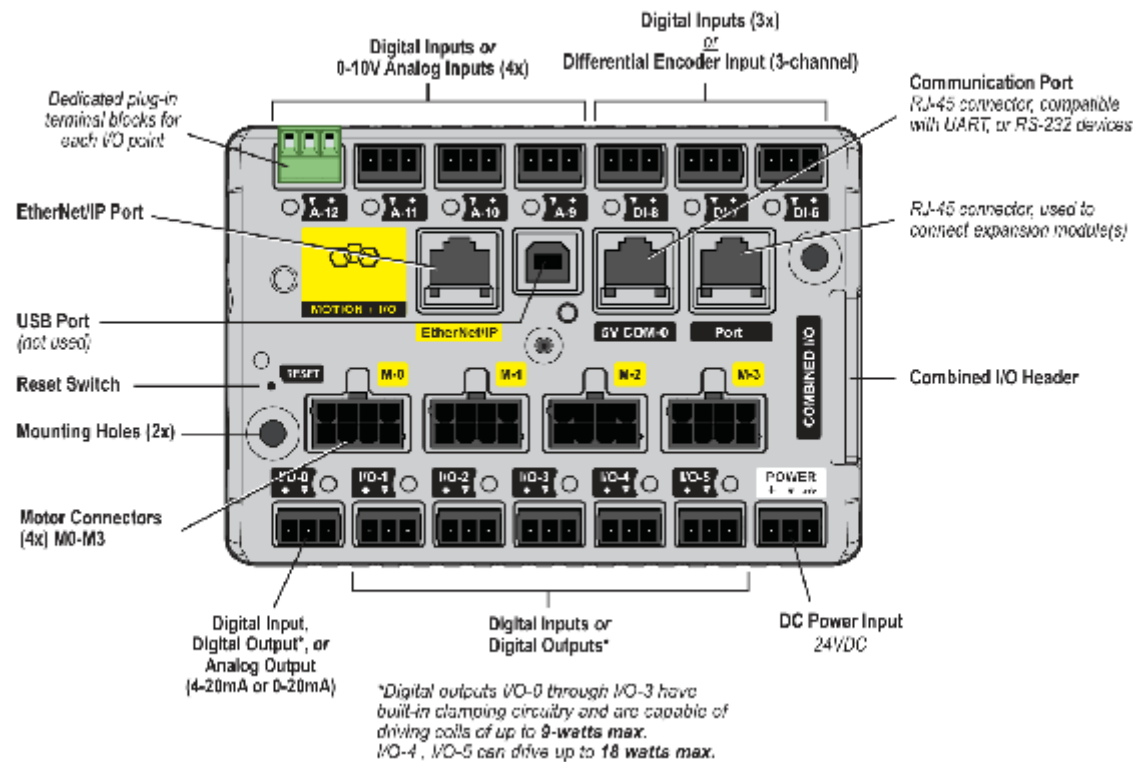
3

2

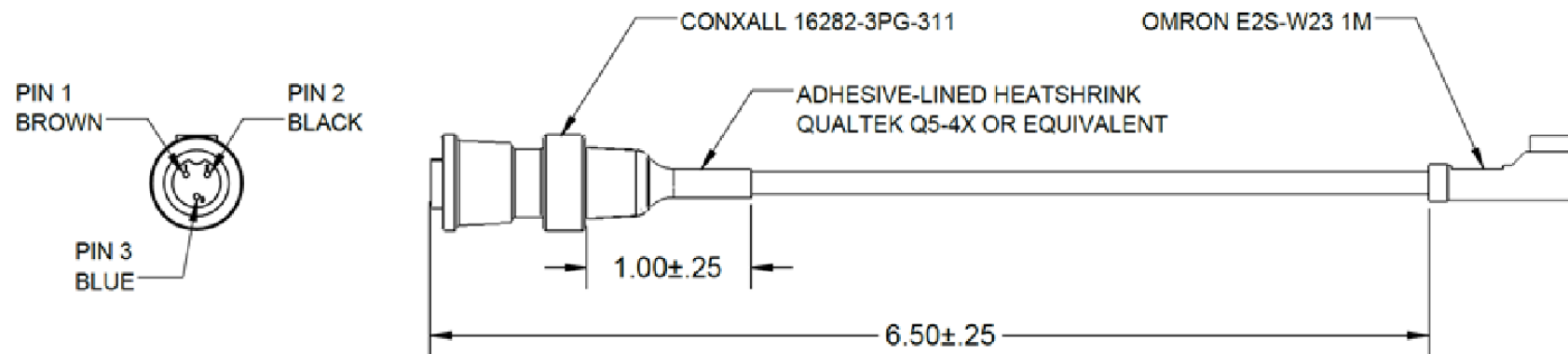
1

1

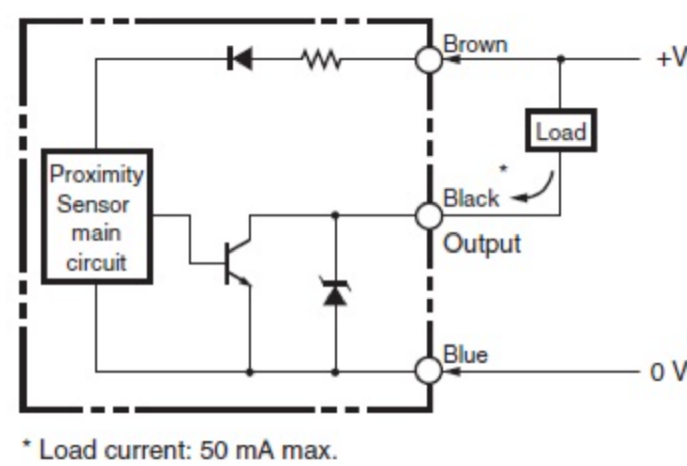
B



OPEN HEAD SENSOR



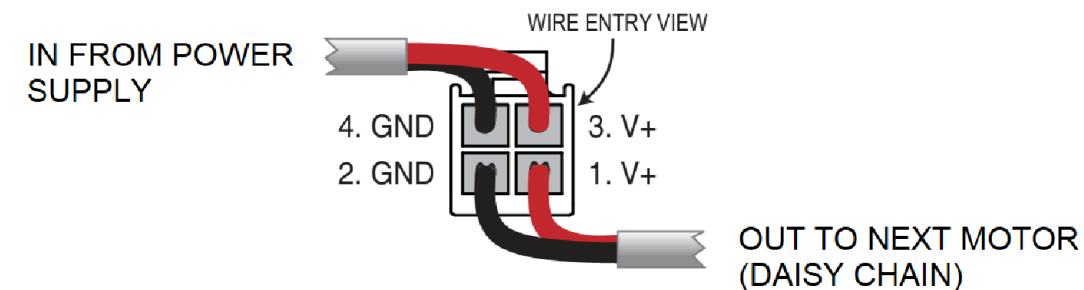
A



Timing chart

Operation mode	Timing Chart		
NO	Sensing object	Yes	
		No	
	Output transistor (Load)	ON	
		OFF	
	Operation indicator (orange)	ON	
		OFF	

Power Connector Pinout



Mating Parts

- Connector Housing** 4 pos.
Molex/39-03-9042 (black)
- Terminals** 16AWG
Molex/39-00-0078 (loose)
Molex/39-00-0077 (reel)
- Crimp Tool** 16 AWG
Molex/200218-2200
- Terminal Extractor Tool**
Molex/11-03-0044
- Cable Stock** 2/16AWG (black)
Belden/9410

DO NOT SCALE DRAWING	THESE COMMODITIES, TECHNOLOGY OR SOFTWARE, IF EXPORTED FROM THE UNITED STATES, WILL BE DONE SO IN ACCORDANCE WITH EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED.			
	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MASTERFLEX LLC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MASTERFLEX LLC IS PROHIBITED.			
	CREATED BY:	JVS	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES	
	CREATION DATE:	01/03/2025	TOLERANCES	
	CHECKED BY:	BTK	FRACTIONS	± 1/32"
	CHECKED DATE:	01/03/2025	.XX	0.01"
	APPROVED BY:	JVS	.XXX	0.005"
			.XXXX	0.0005"
			ANGULAR	± 1/2°
			MACHINED FINISH	125 RMS
SCALE:	INTERPRET GD&T PER:	ASME Y14.5-2018	PART NAME: PANEL MOUNT, L/S EZL2, THN. 900-2597, 900-2617, THK 900-2629, 900-2630	
1:2			SHEET SIZE	SHEET 2 of 2
			DRAWING NO:	119122
				REV C