



Optotune Industrial Electrical Lens Driver,
#88-940

Mechanical Specifications	
Specification	Value
Dimensions (L x W x H) (mm)	99.05 x 19 x 13.5
Weight (g)	41
Interface to Lens	6-pin Hirose Connector
Interface to PC	USB Type A

Electrical Specifications	
Specification	Value
Maximum Output Current	-290 to 290 mA
Maximum Output Update Frequency	>100 kHz
USB Input Voltage	5V
Power Consumption	50-1100 mW
Digital to Analog Converter	12 bit Analog Devices ADN8810
Microcontroller	8-bit, 16 MHz with 32 KB Flash (Atmel ATmega32U4)
Connector	6-way Hirose HR 10 G
Max. Cable Length	3 meters

Thermal Specifications	
Specification	Value
Operating Temperature (°C)	-20 to +65
Storage Temperature (°C)	-40 to +85

OUTLINE



Pyramid Imaging

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		PROPRIETARY AND CONFIDENTIAL			
SCALE:	1:1	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NAVITAR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NAVITAR IS PROHIBITED.		LENS DRIVER 4I, OPTOTUNE, ASSY	
WEIGHT:	0.00 lbmass				
DR BY:	JD				
CH BY:	DEROSA				
PROJECT #:	E3640	DO NOT SCALE DRAWING		SIZE	PART NUMBER
DATE DR:	8/26/2019			A	1-40372
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