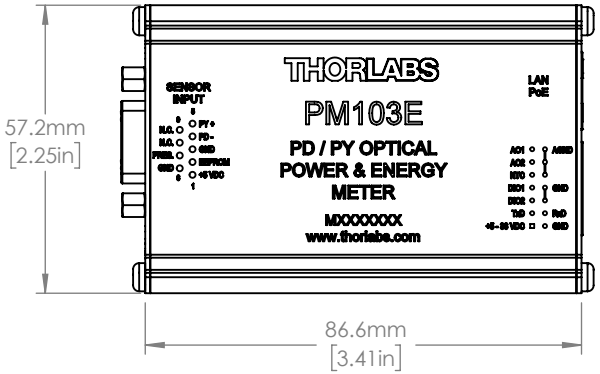
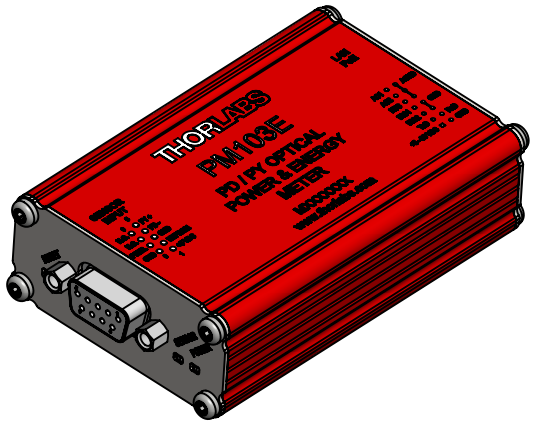
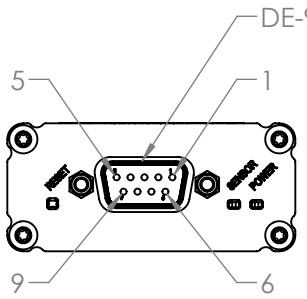
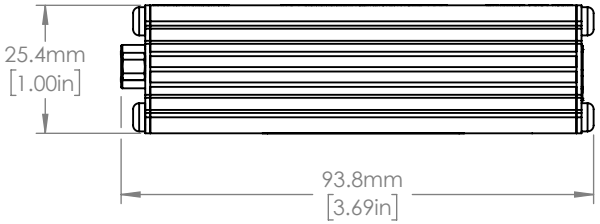
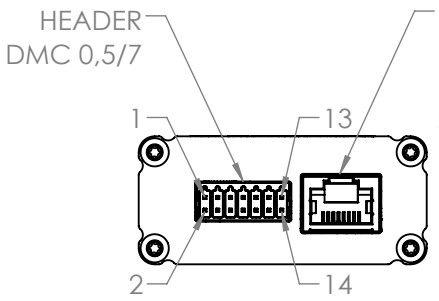










DE-9 Sensor Connector		
Pin	**Function**	**Description**
1	+5 VDC	Voltage Output, 5 VDC / 50 mA
2	EEPROM	Sensor Memory for the Calibration Data
3	AGND	Analog Ground for Photodiode Anode, Pyro Sensor, NTC
4	PD -	Photodiode Cathode Input
5	PY+	Pyrosensor Input
6	DGND	Digital Ground for EEPROM and 5V Voltage Output
7	PRESENT	Sensor Recognition, NTC Input
8	N.C.	Not Connected
9	N.C.	Not Connected

Header Phoenix Contact DMC 0,5/7; mates with DFMC 0,5/7 (included) and DMCC 0,5/7		
Pin	**Function**	**Description**
1	+5 … +36 VDC	Pin for Alternative Power Supply with 5 VDC to 36 VDC
2	GND	Power Supply Ground / Digital Ground
3	TxD	RS232; Connect to PC terminal RxD (PC DE-9 Pin 2)
4	RxD	RS232; Connect to PC terminal TxD (PC DE-9 Pin 3)
5	DIO 2	General Digital Input / Output port; 3 V logic (Output), 5 V tolerant for Input
6	GND	Digital Ground
7	DIO 1	General Digital Input / Output port; 3 V logic (Output), 5 V tolerant for Input
8	GND	Digital Ground
9	NTC	NTC Thermistor Input; Measurement Range 0.1 kΩ to 100 kΩ
10	AGND	Analog Ground
11	AO 2	Software Configurable Analog Output; 0 V to 2.5 V
12	AGND	Analog Ground
13	AO 1	Analog Output; -0.25 V to +2.5 V per Measurement Range
14	AGND	Analog Ground

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	mur	16/Apr/23
APPROVAL	mgo	20/Apr/23

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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Optical Power&Energy Meter

MATERIAL	REV
N/A	A

ITEM #	APPROX WEIGHT
PM103E	0.16 kg