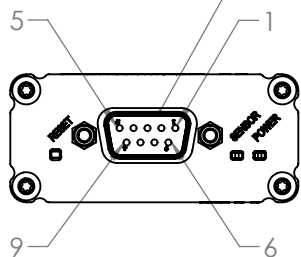
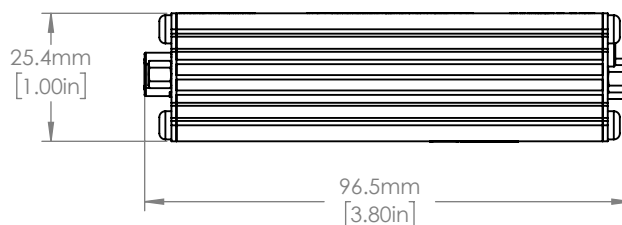


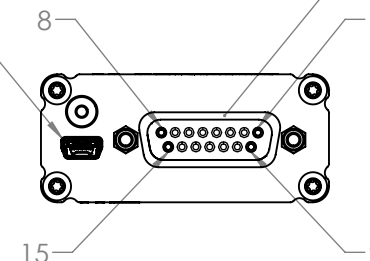
DE-9 SENSOR CONNECTOR



USB CONNECTOR



DA-15



DE-9 Sensor Connector		
Pin	Function	Description
1	+5 VDC	Connect to Power Supply with 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 Output
7	PRESENT	Sensor Recognition
8	N.C.	Not Connected
9	N.C.	Not Connected

DA-15		
Pin	Function	Description
1	+5 ... +36	Pin for Alternative Power Supply with 5 VDC to 36 VDC
2	DIO 1	General Digital Input / Output port; 3 V logic (Output), 5 V tolerant for Input
3	DIO 2	General Digital Input / Output port; 3 V logic (Output), 5 V tolerant for Input
4	AO 1	Analog Output; -0.25 V to +2.5 V per Measurement Range
5	AO 2	Software Configurable Analog Output; 0 V to 2.5 V
6	N.C.	Not Connected
7	TxD	RS232; Connect to PC terminal RxD (PC DE-9 Pin 2)
8	RxD	RS232; Connect to PC terminal TxD (PC DE-9 Pin 3)
9	GND	Power Supply Ground
10 - 13	GND	Ground
14	NTC	NTC Thermistor Input; Measurement Range 0.1 kΩ to 100 kΩ
15	GND	RS232 Signal Ground; Connect to PC Terminal Ground (PC DE-9 Pin 5)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						THORLABS www.thorlabs.com	
	NAME	DATE	Optical Power&Energy Meter				
DRAWN	mur	21/Jan/21	MATERIAL			REV A	
APPROVAL	mgo	22/Jan/21	N/A				
COPYRIGHT ©2021 BY THORLABS				ITEM #		APPROX WEIGHT	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				PM103		0.16 kg	