



DE-9 Sensor Connector		
Pin	Function	Description
1	+5 VDC	Connect to Power Supply with 5 VDC / 100 mA
2	EEPROM	Sensor Memory for the Calibration Data
3	AGND	Analog Ground for Photodiode Anode, Thermal Sensor , NTC
4	PD -	Photodiode Cathode Input
5	N.C.	Not Connected
6	DGND	Digital Ground for EEPROM and 5V Output
7	PRESENT	Sensor Recognition
8	TH+	Thermal Sensor Input
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	I/O 1	General Digital Input / Output port; 3 V logic (Output), 5 V tolerant for Input
3	I/O 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	PD/TH OPTICAL POWER METER	
DRAWN	mur	10/JUL/19	MATERIAL	
APPROVAL	mgo	11/JUL/19	N.A.	
COPYRIGHT © 2019 BY THORLABS			ITEM #	REV
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			PM101	A
			APPROX WEIGHT	
			0.16 kg	