

Filter Wheel Module - 5 Position

Features

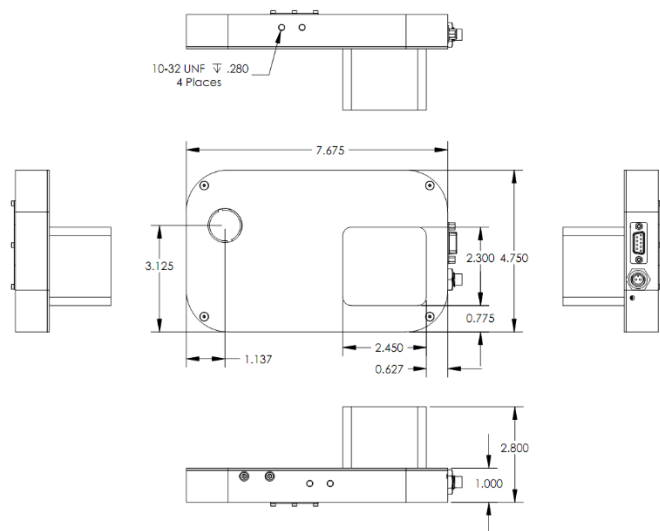
- ◆ 35mS adjacent filter to filter move time
- ◆ Simple to control RS232 or RS485 interface
- ◆ Wide range power supply compatibility 15Vdc-28Vdc
- ◆ Rugged design for OEM applications: includes power supply protection and filtering

Description

The PFWM-25-C-5 filter wheel is an ideal OEM module for Applications that require sequential observations with different optical filters inserted into the excitation light path whereby efficiently using specific wavelengths to label and image components of a cell. Fast rotation, reliable operation, easy control interface and simplified system integration make the PFWM-25-C-5 Filter Wheel an ideal choice for integration into Life Science instruments.



Parameter	Value	Units	Notes
Move time, adjacent filter positions	35	mS	Supply voltage = 24Vdc
Move time, worst case move	100	mS, max	
Filter size	25	mm diameter	Up to 7.5mm thick
Filter Positions	5		
Weight	7 3.2	lbs Kgs	
DC Power Supply	12 - 29	Vdc	Absolute max supply range
Power consumption	25	Watts, rms	
Serial Interface	RS-232, RS-485, 115.2KBaud (USB adaptor sold separately)		
Communication connector	DB9, female (mate sold separately)		
Power supply connector	2 pin, male, locking connector (Mate: Switchcraft PN 16282-2SG-311, supplied with module)		



All values are nominal. Specifications subject to change without notice. Graphs and charts are for reference only.

Dimensions are in inches

