

FPA 4100 PHOTOMETER SPECIFICATIONS

PERFORMANCE

Zero drift	+/- 2% F.S. with daily autozero
Span Drift	+/- 2% F.S.
Accuracy	+/- 2% F.S.
Repeatability	+/- 2% F.S.
Sensitivity	1% F.S.
Linearity	+/- 2% F.S.
Response time:	T-90 30 seconds

ENVIRONMENT

Ambient temperature	0°C to 55°C (32°F to 131°F)
Dimensions	610 mm H x 400 mm W x 25 mm D (24" H x 15.8" W x 9.8" D)
Weight	30 kg (66 lbs)

UTILITIES

Power & consumption	10-36 VDC, 30 watts 90-240 VAC, 50/60 Hz, 30 watts
Sample flow	0.5-1 L/min

COMMUNICATIONS

Digital Outputs	Modbus RS232, Modbus RS485, Modbus TCP/IP optional
Digital Inputs	4 dry contact, 4 wet contact (12/24 VDC)
Analog Inputs	2 x 4-20 mA, user scalable, loop or self powered
Analog Outputs	6 x 4-20 mA, user scalable, loop powered
Relays	6 x SPDT relays, 5 amps @ 30 VDC or 8 amps @ 120/240 VAC

APPROVALS & CERTIFICATIONS

CSA (C, CUS) Class 1 Division 2, Groups BCD
CE
CSA Class 1, Division 2 field certifications upon request