

SULFURCHROME SPECIFICATIONS

PERFORMANCE

Span drift ± 2% F.S.

Accuracy ± 2% F.S.

Repeatability ± 2% F.S.

Sensitivity ± 1% F.S.

Linearity ± 2% F.S.

Response time 4 to 15 minutes, application dependent

ENVIRONMENT

Ambient temperature 0°C to 50°C (32° F to 122°F)

Dimensions 711 mm H x 1016 mm W x 406 mm D (28" H x 40" W x 16" D)

Weight 57 kg (125 lbs)

UTILITIES

Power & consumption 100 to 240 VAC, 50/60 Hz
600 watts

Sample flow 100 cc/min, 1 barg (0.21 SCFH, 15 psig)

Air requirements 37.7 L/min, 5.3 barg to 8 barg (80 scfh, 80 - 120 psig)

Gas requirements Helium: 20 cc/min, 5.3 to 6.7 barg (0.042 scfh, 80-100 psig)
Hydrogen: 80 cc/min, 4 to 5.3 barg (0.17 scfh, 60-80 psig)

COMMUNICATIONS

Digital Outputs Modbus RS232, Modbus RS485

Digital Inputs 6 dry contact, 2 wet

Analog Outputs 4 x 4-20 mA, user scalable, user selectable loop or self powered

Relays 4 x SPDT relays, 8 amp @250 VAC

APPROVALS & CERTIFICATIONS

CSA General Purpose

CSA, Class 1 Division 2, Group BCD T3 (with air purge)