The Model 618000 converts input frequencies to a variety of outputs including 4 to 20 mADC or 0 to 5 VDC. The Tachometer is packaged in a DIN rail mount enclosure for simple snap-on installation. The 618000 can be ordered with or without alarms. The alarms may be used for open input, open output or set to trigger at any frequency. The alarms can be reset automatically, locally or remotely.

TECHNICAL SPECIFICATIONS

POWER
24 VDC ± 10% @ 100 mADC

INPUT RANGE:
0 to 50kHz, 75mVp to 50Vp
Input may be non-zero based
Input span can be less than 2 Hz, consult factory

OUTPUT:
DIP switch selectable:
4 to 20 mADC, 0 to 20 mADC
0 to 24 mADC, 0 to 5 VDC

ALARMS (Models 618131, 618231 only)
Each alarm has normally closed and
normally open contacts. Non-CSA Ratings:
30 VDC @ 2 ADC, 125 VAC @ 500 mAAC
CSA Ratings: 24 VDC @ 120 mADC

3 WAY ISOLATION:
1800 Vp

ACCURACY:
± 0.1% Typical @ 77 °F

AMBIENT TEMPERATURE:
-40 °F to +140 °F

TEMPERATURE DRIFT:
± 0.01% of Span / °F, Typical

ENCLOSURE:
Polyamide PA non-reinforced
Inflammability class V0 (UL94)

FEATURES
• Mounts on 35mm DIN Rail
• Floating Output
• LED Indicators for Power and Alarms
• Removable Polarized Connectors
• CERTIFIED FOR USE IN
  CLASS I DIV. II, GROUPS A,B,C,D,T4
  CLASS I, ZONE 2, GROUP IIC T4

To order:
Specify model number, input, output, and
alarm set point. Example:

Model: 618131
Input: 0 to 6 kHz
Output: 4 to 20 mADC
Alarm 1: 4 kHz set-point
Feature: Input open circuit detection

*Options:
618000 No Alarms
618131 1 Alarm, 1 Open Circuit Detection
(shown in picture)
618231 2 Alarms

*Pulse outputs are also available; contact the factory for other options.

Analynk Wireless, LLC  790 Cross Pointe Road  Columbus, OH 43230
Phone: (614) 755-5091 Fax: (614) 755-5093 Web: www.analynk.com & www.telmarinc.com