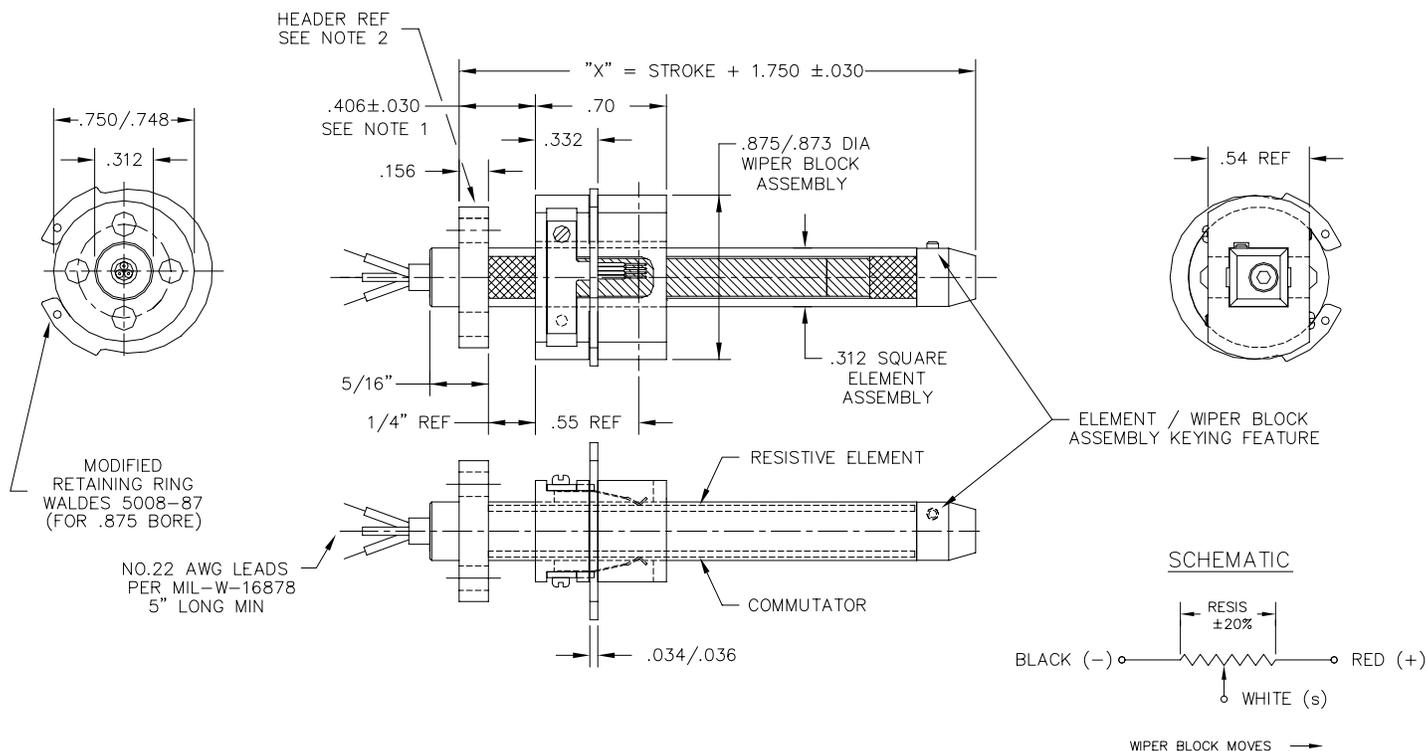


# LINEAR MOTION PRECISION POTENTIOMETERS

## MODEL 150

### Internal Position Sensor



#### ORDERING INFORMATION

Model Number: 150- X - X - 1  
 Stroke & Resistance: X - X - 1  
 Standard header = 1  
 Linearity A = 1.0%, B = 0.5%, C = 0.25%

#### SPECIFICATIONS

##### ELECTRICAL

Resistance Range ±20%	1.0KOhms/inch
Linearity	To ±0.25% (Depending on Stroke)
Electrical Stroke	1 to 36 inches
Mechanical Travel	Electrical +1/2inch (1/4inch each end)
Power Dissipation	1 Watt/inch @ 25°C
Temperature Range	-25°C to 100°C
Stroke Velocity	Hydraulic = 20inches/sec Pneumatic = 50inches/sec

\* See OPTIONAL Electrical Characteristics

##### NOTES

- (1) This dimension defines the position of the wiper assembly at the full in (-) position
- (2) Optional custom mechanical header configuration available upon request
- (3) High pressure electrical feed-thru fittings available upon request

\* See OPTIONAL Mechanical Characteristics