

Specification Sheet

KM41/45 OEM Pressure Transducer

FEATURES

- Broad temperature capability
- All-welded pressure construction
- SS housing
- High EMI/RFI rating
- Ranges 5 psi through 20,000 psi
- IP67 Ingress rating (IP69K available)
- Wide selection of electrical and process connections available
- Customizable configurations
- Minimum order quantity required

APPLICATIONS

- Off-Road equipment
- Construction machinery
- Compressor control
- Pump monitoring
- Agricultural/irrigation equipment
- Diagnostic kits
- Engine monitoring
- Process automation & controls
- Hydraulic and pneumatic sensing



SPECIFICATIONS

Accuracy: $\pm 0.5\%$ of span ($\pm 0.25\%$ Optional) Terminal Point Including Zero & Span Offset
 $\pm 1.5\%$ of span: From -20°C to 85°C
 $\pm 2.0\%$ of span: From -40°C to -20°C
 $\pm 2.0\%$ of span: From 85°C to 105°C

Stability: $< \pm 0.25\%$ of span per Year

Durability: $> 10,000,000$ cycles

Wetted Materials: 17-4PH SS & 304 SS

Temperature Limits: Storage -40°C to 125°C
 Process -40°C to 125°C
 Operating -40°C to 125°C
 Compensated -40°C to 105°C

Humidity: 0 to 100% R.H., no effect

OUTPUT SIGNALS AVAILABLE

Voltage Output	Excitation	Supply Current
0-5 Vdc, 3 wire	9-36 Vdc	5mA
0-10 Vdc, 3 wire	14-36 Vdc	5mA
1-5 Vdc, 3 wire	9-36 Vdc	4mA
1-6 Vdc, 3 wire	9-36 Vdc	4mA
0.5-4.5 Vdc 3 wire	9-36 Vdc	4mA
Ratiometric Output		
0.5-4.5 Vdc, 3 wire	5 ± 0.5 Vdc	3.5mA
Current Output		
4-20mA, 2 wire	9-36 Vdc	

Response Time: < 1 msec (voltage outputs)
 < 2 msec (4-20mA outputs)

DIMENSIONS (mm)

