

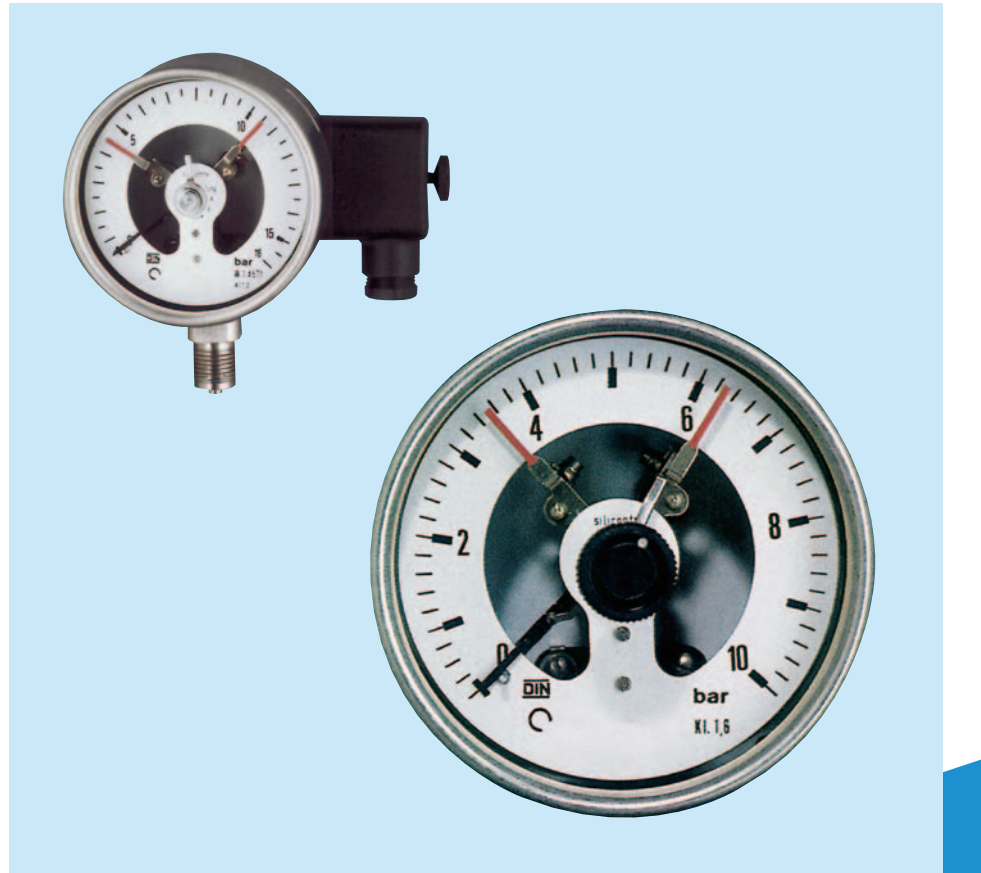
Features

- 4" or 6" Combination Pressure Gauge & Switch
- 1 or 2 SPST Switches Possible
- Stainless Steel Construction
- ±1.0% Accuracy
- Pulsation and Vibration Damping Through Optional Paraffin Oil Filling

For those users needing a pressure gauge with switching capability and stainless steel construction, KOBOLD provides the model DRG26. Stainless steel movement, wetted parts and housing provide elevated resistance to corrosive chemicals. A rear blow-out membrane in the housing provides users with an added level of protection from catastrophic failure caused by overpressure.

Mounting options are: stem supported or panel mount with rear fittings. The DRG26 is fitted with up to two magnetically coupled or inductive switches. Paraffin oil filling is available to damp movement caused by pressure surges and pulsations.

Either four inch or six inch housings and dials are available ... letting the user choose whatever level of readability desired.



KOBOLD DRG26 Pressure Gauge

Specifications

Ranges: -14.7 to 10,000 PSIG (see table)

Usable Range

Static Load: 0-100% of full scale

Dynamic Load: 0-90% of full scale

Sensing Element: bourdon tube

Accuracy (Range Specific)

20 PSIG & Less: ±1.6% of full scale

30 PSIG & More: ±1.0 % of full scale

Operating Temperature

Medium: freezing to 180°F

Ambient: freezing to 140°F

Fittings: 1/2" NPT

Materials of Construction

Wetted Parts

Element: 316 Ti SS

Fitting: 316-Ti SS

Exterior

Movement: Stainless steel

Housing: 304 SS

Bezel: 304 SS

Pointer: Black aluminum

Indicator Dial: White aluminum

Window: Safety glass

Magnetic Spring Contacts

Repeatability: ±5% of full scale

Ratings (max.): 250 V, 0.6 A
30 W or 50 VA

Inductive Contacts

Repeatability: ±0.5% of full scale

Logic: NAMUR

On: > 3 mA

Off: < 1 mA

Power Requirements

Voltage: 5-25 VDC @ 20 mA

Environmental Protection

Unfilled Housings: NEMA 3

Paraffin Oil Filled: NEMA 4

Options: Paraffin oil damped indicator assembly

DRG26 Ordering Information					
DRG26	= Stainless Steel Bourdon Tube Pressure Gauge with Switches				
-1	= 100 mm (4 inch) Dial Face, Bottom Process Connection				
-2	= 100 mm (4 inch) Dial Face, Rear Process Connection				
-3	= 160 mm (6 inch) Dial Face, Bottom Process Connection				
-4	= 160 mm (6 inch) Dial Face, Rear Process Connection				
Range	= Pressure Range Abbreviation		Available Measuring Ranges		
H00	= -30" to 0" Hg	210	= 100 PSIG	260	= 600 PSIG
115	= 15 PSIG	216	= 160 PSIG	310	= 1000 PSIG
130	= 30 PSIG	220	= 200 PSIG	320	= 2000 PSIG
160	= 60 PSIG	230	= 300 PSIG	330	= 3000 PSIG
M	= Magnetic spring contact switch(es)		Type of Switches		
I	= Inductive switch(es)				
Function	= Desired Switching Behavior		High/Low Function		
1	= Single N/O	11	= N/O Low & N/O High	12	= N/O Low & N/C High
2	= Single N/C	21	= N/C Low & N/O High	22	= N/C Low & N/C High
F	= Paraffin oil damped indicator assembly		Options		
DRG26	-1	H00	M	21	F
Sample DRG26 Specification					

Dimensions (mm)

