

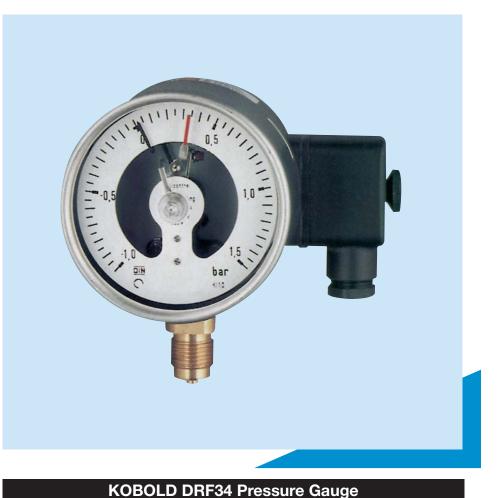
Features

- Combination Pressure Gauge & Switch
- 1 or 2 SPST Switches Possible
- Bourdon Tube Design
- DIN Accuracy Class: 1.0
- Pulsation and Vibration Damping Through Optional Paraffin Oil Filling

Should pressure switching be required in addition to pressure indicating capability, the DRF34 pressure gauge series is there to fill the need. Copper alloy components make up the bourdon tube sensing element and indicator movement. The housings with fittings at the bottom are made of stainless steel. With fittings oriented rearward, the housings are aluminum and feature a panel mounting bezel.

The DRF34 offers a choice of either one or two magnetically coupled or inductive switches. Paraffin oil filling is available to damp movement caused by pressure surges and pulsations.

DRF34 - Brass Pressure Gauge with Switches



Specifications

280

Ranges:	–14.7 to 10,000 PSIG	Exterior Movement:	Brass	
Usable Range Static Load: Dynamic Load: Sensing Element:	(see table) 0–100% of full scale 0–90% of full scale	Housing: Bezel: Pointer: Indicator Dial: Window:	304 SS or aluminum 304 SS Black aluminum White aluminum Safety glass	
DIN Accuracy Class 20 PSIG & Less: 30 PSIG & Up:		Magnetic Spring Co Repeatability: Ratings (max.):	ntacts ±5% of full scale 250 V, 0.6 A 30 W or 50 VA	
Operating Temperat Medium: Ambient: Fittings:	freezing to 180°F freezing to 140°F 1/2" NPT	Inductive Contacts Repeatability: Logic: On: Off:	±0.5% of full scale NAMUR > 3 mA < 1 mA	
Materials of Constru Wetted Parts Element < 1000 PSIG:	uction Copper	Power Requirement Voltage: Environmental Prote Unfilled Housings Paraffin Oil Filled:	5-25 VDC @ 20 mA ection s: NEMA 3	
1000 PSIG & Up Fitting:	Stainless Steel CuZn Alloy	Options:	Paraffin oil damped indicator assembly	

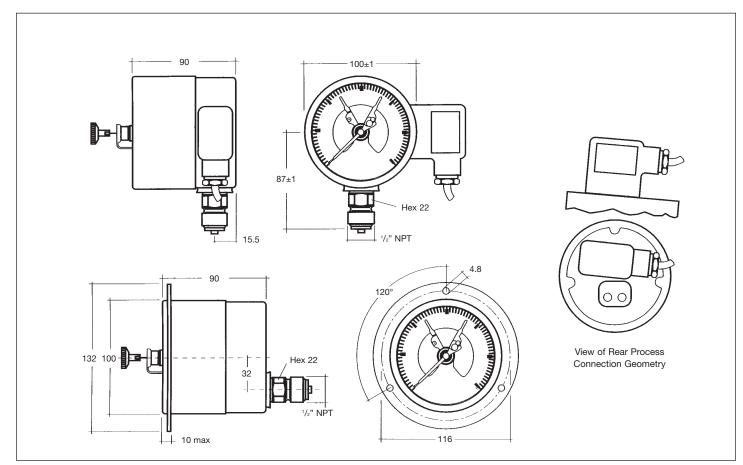
Order from: C A Briggs Company Subject to change without prior notice.

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DRF34 - Brass Pressure Gauge with Switches

	DRF34 Ordering Information													
DR	= Brass Bourdon Tube Pressure Gauge with Switches													
		-1 -2		100 mm (4 inch) Dial Face, Bottom Process Connection, Stainless Steel Housing 100 mm (4 inch) Dial Face, Rear Process Connection, Aluminum Housing										
H00 = - 115 = 130 = 160 = M = 1					0 = -30" to 5 = 15 PS 0 = 30 PS 0 = 60 PS = Magnet	Inge Abbreviation 0 0" Hg 210 = 100 PSIG SIG 216 = 160 PSIG SIG 220 = 200 PSIG SIG 230 = 300 PSIG etic spring contact switch(es)		G G G G	260 = 600 PSIG 310 = 1000 PSIG	350 = 5000 PSIG 410 = 10000 PSIG				
					Function	1	•	11 = N/O	Low & N/O High	Low Function 12 = N/O Low & N/C High 22 = N/C Low & N/C High				
		V	¥	¥	V	F	= Paraffin oil dam	iped indic	ator assembly	Options				
DR	F34	-1	H00	Μ	21	F	Sample DRF3	34 Specif	ication					

Dimensions (mm)



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