

**STANDARD FEATURES**

**Movement:** All 300 series stainless steel  
**Pointer:** Geared micrometer adjustable, balanced  
**Dial:** White enameled aluminum with black graduations and numerals 270° Arc  
**Dial Sizes:** 4 1/2"  
**Thread Size:** 1/4 male NPT; 1/2 male NPT  
**Connection Location:** Lower (Bottom), Back (Rear)  
**Case:** Polypropylene safety case (solid front, blow-out back) suitable for surface or direct mounting (standard).

**Bourdon Tube:** 316 stainless steel  
**Socket:** 316 stainless steel

Receiver gauges are used with a transmitter (transducer) to translate distant point air signals into units of pressure, temperature, liquid level or flow. Outer scale marked with equal increments of transmitted signal, inner scale graduated with units of specific measured variable (i.e.: square root, %).



AR44

**STANDARD RANGES (3-15 PSI SIGNAL)**

CODE NO.	DIAL RANGES	FIGURE INTERVALS	SMALLEST GRADUATION
OC	0-100	1 psi	.25 psi
OH	0-10 Sq. Rt.	5 psi	.5 psi

**BOURDON TUBE AND SOCKET**

CATALOG NO.	BOURDON TUBE & SOCKET MATERIAL	DIAL SIZE	GAUGE TYPE	OPTIONAL CASE STYLE	
				LOWER CONNECT	BACK CONNECT
AR44	316 SS	4 1/2"	Receiver	#4 Style Alum. Safety	#6 Style Alum. Flush

**NOTES:**

- Royal Gauges are calibrated in accordance with ASME B40.1 Grade 2A (±1/2%).

**HOW TO ORDER**

**A R 4 4 2 O C 4 L W ( )**

- Basic 4-digit Catalog No. From Table Above \_\_\_\_\_
- Polypropylene Case Style "2" \_\_\_\_\_
- Range Code From Range Tables Above \_\_\_\_\_
- Thread Size: 4 = 1/4 Npt Male (Standard); 2 = 1/2 Npt Male \_\_\_\_\_
- Connection Location: L = Lower (Bottom), R = Back (Rear) \_\_\_\_\_
- Dial Color: W = White \_\_\_\_\_
- If Any Gauge Options Are Desired – Specify Option Code(s) From Page 37 \_\_\_\_\_