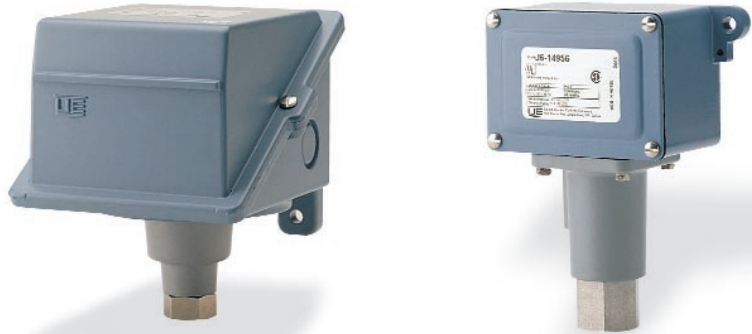


# PRESSURE SWITCHES, REMOTE ALARMS AND POWER SUPPLIES

## PRESSURE SWITCHES

Designed for use with gas pressure manifolds to activate remote alarm systems. Operates when cylinder/line pressure is below minimum pressure setting. High/Low switches have two activation points. Available for explosion proof or general purpose service. Electrical rating for all switches is SPDT 15 amps 24/125/250/480 VAC resistive. CSA approved. Pressure port connection 1/4" NPT.



### Specifications and Ordering Information Guidelines

PART NUMBER	DESCRIPTION	PRESSURE RANGE (PSIG)	MAXIMUM INLET (PSIG)	WETTED MATERIALS	ENCLOSURE CLASSIFICATIONS	ELECTRICAL CONNECTION
WME-4-5	Explosion Proof	30-300	800	S.S. Bellows	NEMA 4, 7, 9, IP66	3/4" NPT
WME-4-6	Explosion Proof	5-50	75	Brass Bellows	NEMA 4, 7, 9, IP66	3/4" NPT
WME-4-9	General Purpose	100-1000	10,000	S.S. Piston & BUNA "N" o-ring	NEMA 4	1/2" NPT
WME-4-10	General Purpose	200-3000	10,000	S.S. Piston & BUNA "N" o-ring	NEMA 4	1/2" NPT
WME-4-13	High/Low Switch	0-300	350	Phosphor Bronze Bellows	NEMA 4	7/8" Dia. Knockout
WME-4-14	General Purpose	20-200	250	Phosphor Bronze Bellows	NEMA 4	1/2" NPT & 7/8 Dia. Knockout
WME-4-15	High/Low Switch	0-100	125	Brass Bellows	NEMA 4, 7, 9, IP66	7/8" Dia. Knockout
WME-4-16	General Purpose	20-200	250	316 S.S. Bellows	NEMA 4	1/2" NPT Female
WME-4-17	General Purpose	100-1700	2500	316 S.S. Bellows	NEMA 4	1/2" NPT Female
WME-4-18	High/Low Switch	20-200	250	316 S.S. Bellows	NEMA 4	7/8" Dia. Knockouts
WME-4-20	High/Low Explosion Proof	0-100	125	Brass Bellows	NEMA 4, 7, 9, IP66	3/4" NPT Female

**NOTE:** 1/4" NPT female pressure connection. Switches may be wired "normally open" or "normally closed".

## REMOTE ALARM PANELS

**Visual Alarm Panel** - Contains green LED to indicate "service" side is in use and red LED to indicate control unit has switched to "secondary" side. **Audio/Visual Alarm Panel** - Contains red and green alarm lights and buzzer with "squench" button. Green light remains illuminated while "service" bank is in use. When "service" bank is exhausted, green light is extinguished, red light is lighted plus buzzer, rated 75 decibels within 100 centimeters, is activated to ensure notice of the alarm conditions. A touch of the squelch button silences the buzzer, but the red alarm light will remain illuminated until the exhausted bank has been replaced. **Two Gas Audio/Visual Alarm Panel** - As above, but warning alarm lights and buzzer for two gases in a single box, i.e. Oxygen and Nitrogen, etc.

All panels may be for either exposed or flush mounting. Available in 24 VAC service only. Alarm dimensions: 4-3/4"H x 2-9/16"W x 1-5/8"D. For open style manifolds, a 115/24 VAC power supply part number WMS-9-25C is required.



Model BIA-3

## POWER SUPPLIES

Utilized with remote alarm panels, reduces 115 VAC to 24 VAC. A circuit board in the power supply isolates remote alarms regardless of voltage (up to 3 amps 30 VDC or 2 amps 250 VAC). Dimensions: 6-1/4" x 4". Rated NEMA 3R, CSA approved.



PART NUMBER	DESCRIPTION
BIA - 1	Visual Alarm, 24 VAC
BIA - 2	Two Gas Audio/Visual Alarm, 24 VAC
BIA - 3	Audio/Visual Alarm, 24 VAC

PART NUMBER	DESCRIPTION
WMS - 9-25C	For use with SD, MS, MD, AD and LA
8570D	For use with BI, LC, HBAC2 and HSAC cabinet style manifold

