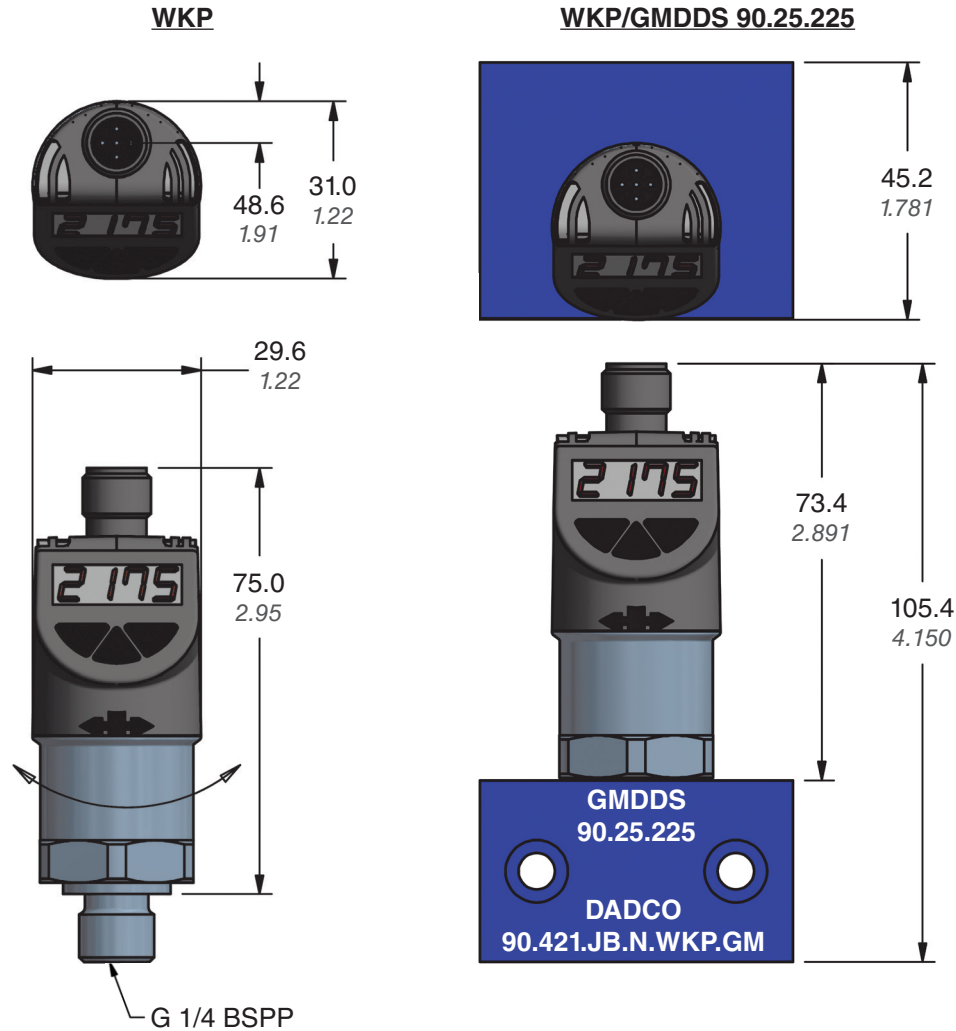


## Electronic Pressure Switch - WKP

DADCO proudly introduces our latest addition to the electronic pressure switches, the WKP. This new alternative stands as DADCO's most compact electronic pressure sensor option for the 90.421 base, while still seamlessly offering a highly accurate digital readout. The WKP sensor adheres to the GM Standard GMDSS 90.25.225.

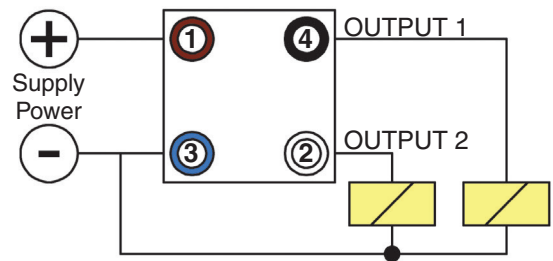
### Sensor Dimensional Data



*\*For fitting adapters and additional port sizes see DADCO Nitrogen Gas Spring Linked System Components (C20100C)*

Features	WKP
Measuring Range	0 - 400 bar (0 - 5800 psi)
Supply Voltage	12 - 32 VDC
Switch Rating	1.2A max
Output	(2) PNP Pin 2, 4
Electrical Connection	4 - Pole M12 x 1
Current Consumption	45 mA max
Accuracy	± 4 Bar (± 60 psi)

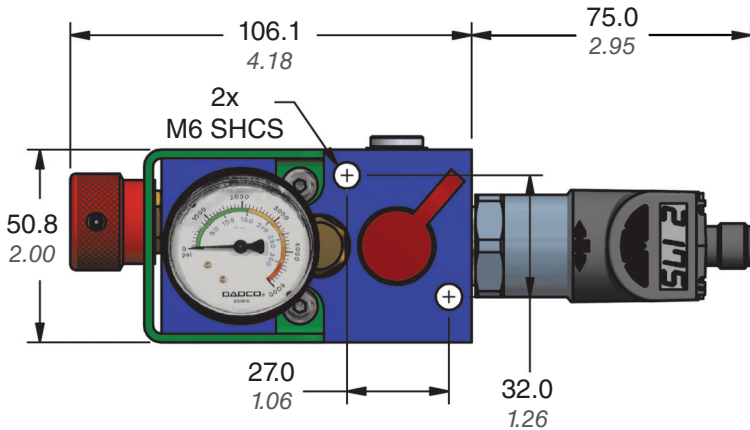
### Common Circuit Diagram



# Electronic Pressure Switch - WKP

DADCO offers multiple options for attaching the WKP to control panels, allowing the user to easily manage system pressure during sensor configuration.

## 90.405 Control Panel



### Ordering Example:

**90.405. P N. WKP**

**Compact Control Panel** ———— **Pressure Sensor WKP**

**Gauge Style** ———— **Fitting Connection**

PSI/Bar = P  
Bar/MPa = A

N = None  
S = ORFS  
D = D-24  
B = Zip (CNOMO)  
L = MiniLink

## 90.421 Base Options

DADCO offers two types of 90.421 base options. Fig.1 details option with Vibration Resistant Bleed Valve, Filler Valve, and Rupture Disk. This style does not require a secondary control panel for pressure management. In Fig. 2, we show a simple junction block option, which requires a secondary control panel for pressure management. This style is compatible with the GMDDS Standard 90.25.225.

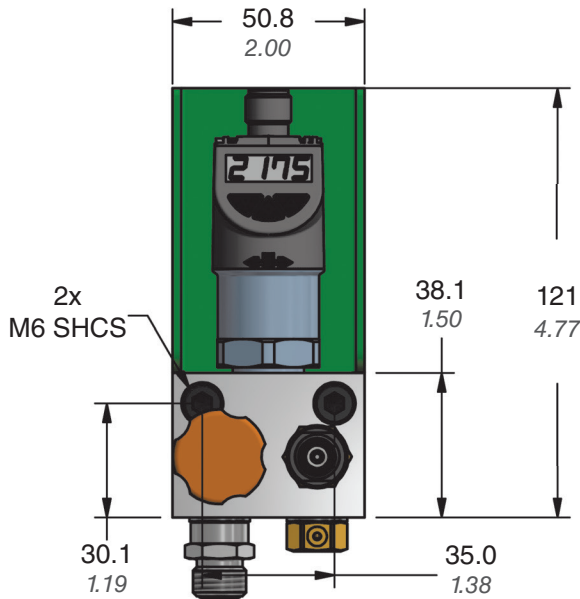


Fig. 1

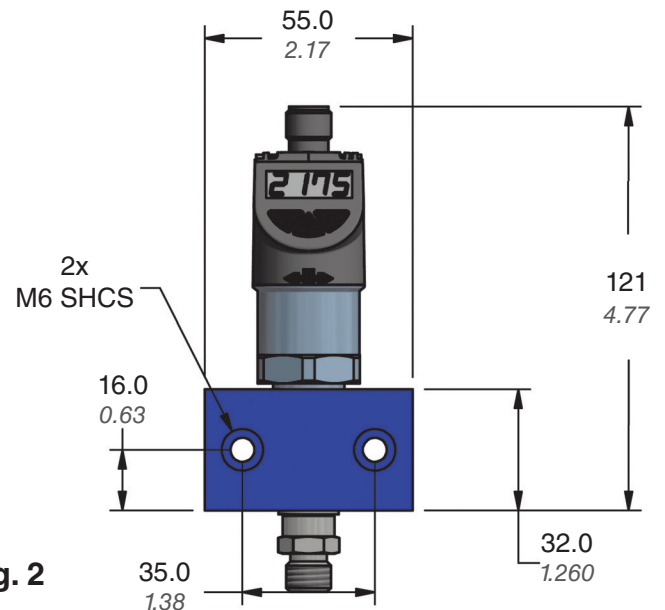


Fig. 2

### Ordering Example:

**90.421. C2. S. WKP. G.**

**Model Number** ———— **Guard Option**  
N = No Guard  
G = Guard

**Base Option** ———— **Pressure Sensor WKP**  
C2 = Bleed Valve, Filler Valve, and Rupture Disk

**Fitting Connection**  
N = None; S = ORFS  
D = D-24; B = Zip(CNOMO)  
L = MiniLink

### Ordering Example:

**90.421. JB. N. WKP. GM.**

**Model Number** ———— **GM = GMDDS Style Junction Block**

**Base Option** ———— **Pressure Sensor WKP**  
JB = Block Only (GM - Style)

**Fitting Connection**  
N = None; S = ORFS  
D = D-24; B = Zip(CNOMO)  
L = MiniLink