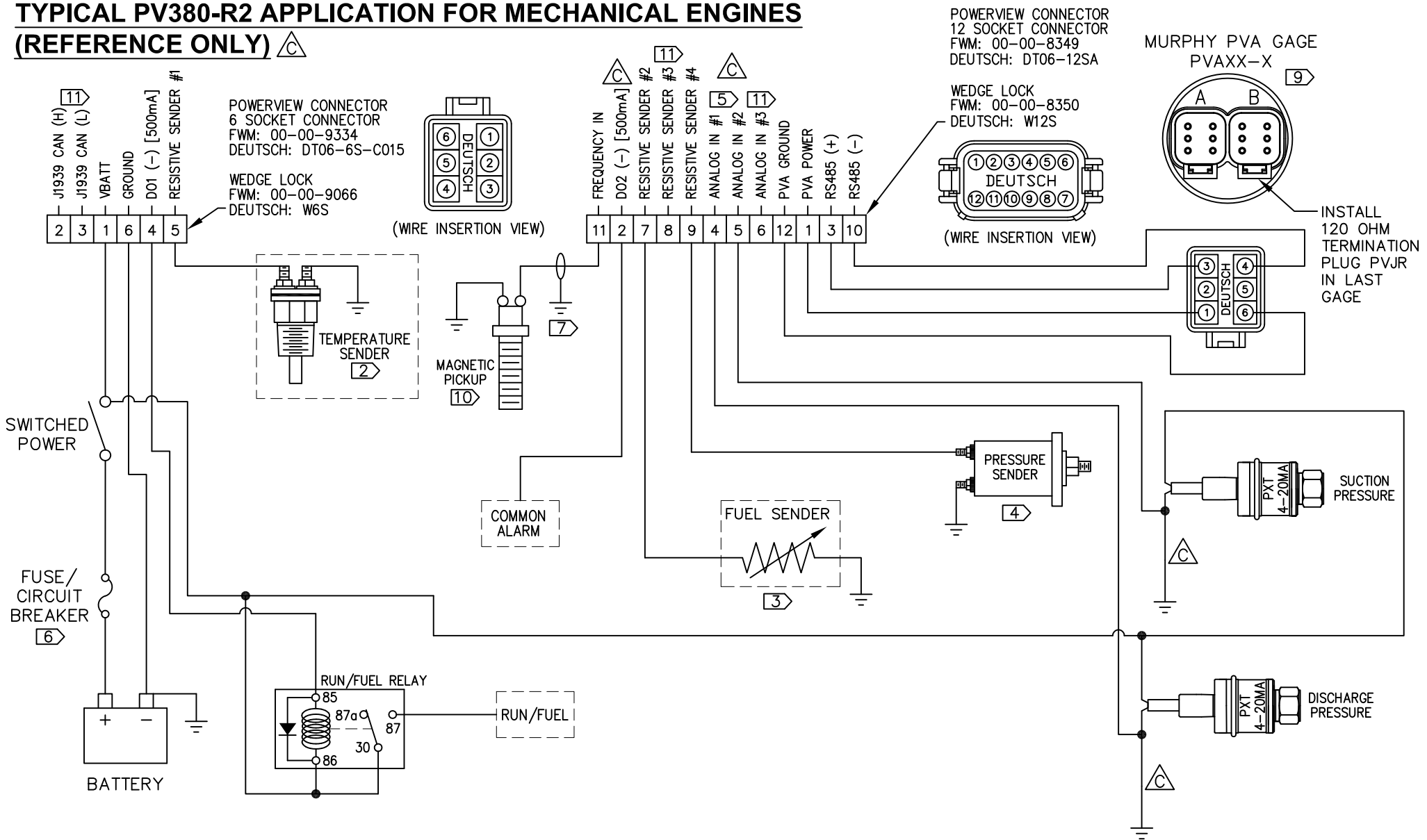


# TYPICAL PV380-R2 APPLICATION FOR MECHANICAL ENGINES

(REFERENCE ONLY) ⚠



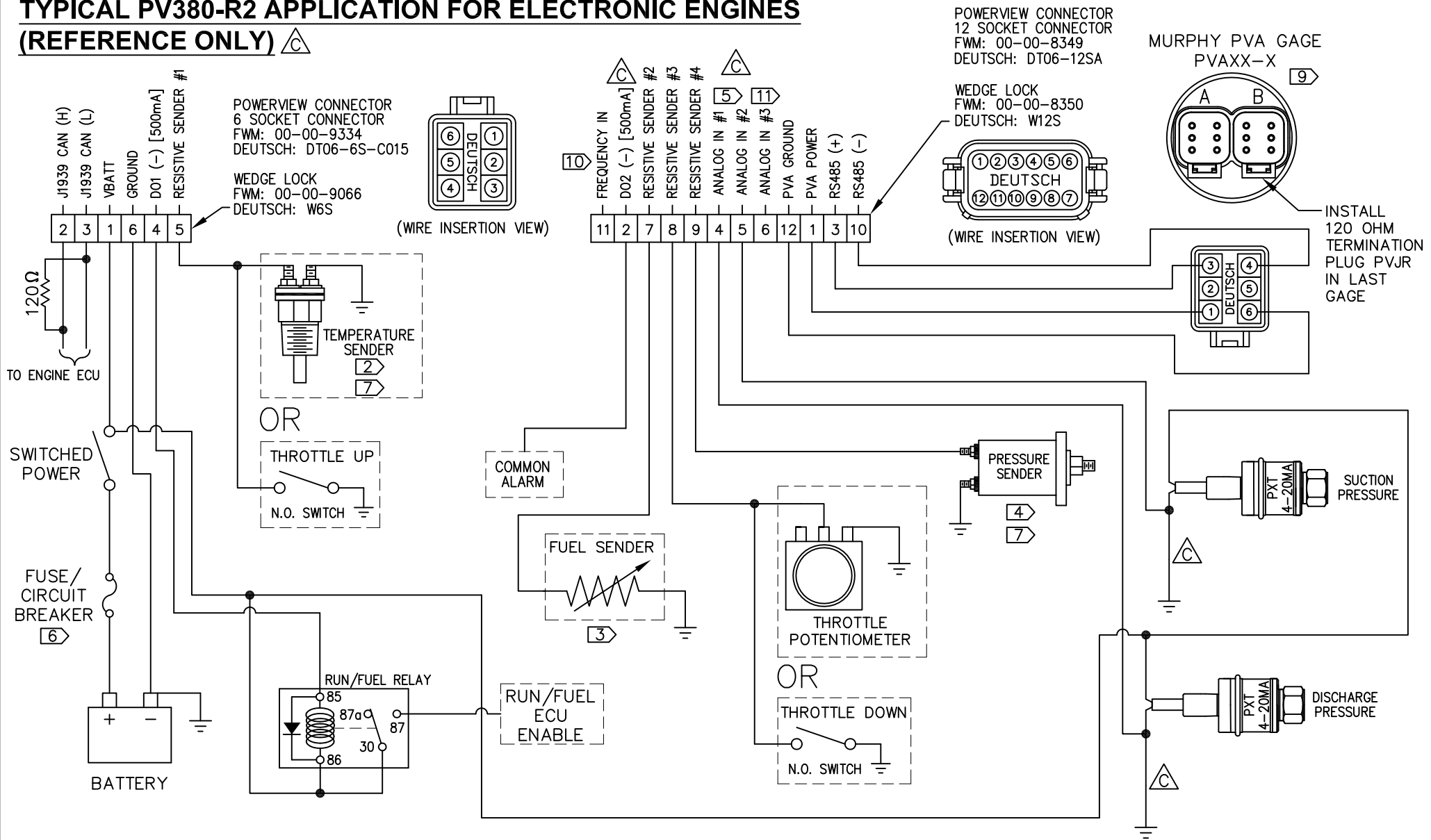
**NOTES:**

1. ALL WIRE TO BE 18 GA, EXCEPT WHERE NOTED.
2. TEMPERATURE SENDER CAN BE CONFIGURED FOR MURPHY ES2T-250 OR VDO RESISTIVE TEMP.
3. FUEL SENDER CAN BE CONFIGURED FOR MURPHY FUEL LEVEL OR VDO FUEL LEVEL.
4. PRESSURE SENDER CAN BE CONFIGURED FOR MURPHY ES2P-100, ES2P-200, VDO 5, OR VDO 7.
5. ANALOG INPUTS CONFIGURABLE TO 0-5V OR 4-20mA.
6. INSTALL APPROPRIATELY SIZED FUSE OR CIRCUIT BREAKER.
7. CONNECT SHIELD OF MAGNETIC PICKUP WIRE TO GROUND.
8. N.O. = "NORMALLY OPEN"
9. MULTIPLE PVA GAGE TYPES AND STYLES AVAILABLE. PVA GAGES CAN BE CONNECTED IN SERIES (A=INPUT, B=OUTPUT) USING PVW-J-X HARNESS.
10. ENGINE SPEED INPUT
11. NOT CONFIGURED TO USE WITH MECHANICAL ENGINES IN STANDARD MURPHY CONFIGURATION.

C	CHANGED NOTE 5. UPDATED PINOUT ON PV380.		
	REMOVED PXT RESISTORS. (06/12/17) TE (IPD) MR		
REV.	CHANGES MADE		
<b>MURPHY</b> <small>by an Emerson Controls</small>			
DRAWN BY:	JCB	E.R.NO.	IPD
DATE:	02/01/2015	CHKD. BY:	AU APPD. BY: AU
MODEL:	APPLICATION DRAWING PV380-R2 (F/MECHANICAL ENGINES)		
DRAWING NO.	SHEET 1 OF 2	SIZE	REV.
00-02-0944		C	C

# TYPICAL PV380-R2 APPLICATION FOR ELECTRONIC ENGINES

(REFERENCE ONLY) ⚠



**NOTES:**

1. ALL WIRE TO BE 18 GA, EXCEPT WHERE NOTED.
2. TEMPERATURE SENDER CAN BE CONFIGURED FOR MURPHY ES2T-250 OR VDO RESISTIVE TEMP.
3. FUEL SENDER CAN BE CONFIGURED FOR MURPHY FUEL LEVEL OR VDO FUEL LEVEL.
4. PRESSURE SENDER CAN BE CONFIGURED FOR MURPHY ES2P-100, ES2P-200, VDO 5, OR VDO 7.
5. ANALOG INPUTS CONFIGURABLE TO 0-5V OR 4-20mA.
6. INSTALL APPROPRIATELY SIZED FUSE OR CIRCUIT BREAKER.
7. TEMPERATURE AND PRESSURE SENDERS ARE OPTIONAL COMPONENTS.
8. N.O. = "NORMALLY OPEN"
9. MULTIPLE PVA GAGE TYPES AND STYLES AVAILABLE. PVA GAGES CAN BE CONNECTED IN SERIES (A=INPUT, B=OUTPUT) USING PVW-J-X HARNESS.
10. NOT APPLICABLE FOR ELECTRONIC ENGINES
11. NOT CONFIGURED FOR USE WITH ELECTRONIC ENGINES IN STANDARD MURPHY CONFIGURATION.

C	CHANGED NOTE 5. UPDATED PINOUT ON PV380.		
	REMOVED PXT RESISTORS. (06/12/17) TE (IPD) MR		
REV.	CHANGES MADE		
<b>MURPHY</b> <small>by an AUTOMOTIVE CONTROLS</small>			
DRAWN BY:	JCB	E.R.NO.	IPD
DATE:	02/01/2015	CHKD. BY:	AU APPD. BY: AU
MODEL:	APPLICATION DRAWING PV380-R2 (F/ELECTRONIC ENGINES)		
DRAWING NO.	SHEET 2 OF 2	SIZE	REV.
00-02-0944		C	C