NOTES:

1. THE SENSOR (DIGITAL-PULSE, HALL EFFECT, MAGNETORESISTIVE) SHOULD BE PLACED IN A CONVENIENT LOCATION, WHICH MAINTAINS ACCESS TO THE UNIT SHOULD REPAIRS OR READJUSTMENT BE REQUIRED.

2. FOR COMPLIANCE WITH EMI/RFI REQUIREMENTS THE SENSOR HOUSING MUST BE PROPERLY GROUNDED. THIS IS ACHIEVED BY CONNECTING THE BRAIDED SHIELD TO THE CABLE CLAMP OF THE MATING CONNECTOR OR BY CONNECTING THE BRAIDED SHIELD OF THE PIGTAIL LEADS TO GROUND.

3. IF A NEMA OR EXPLOSION PROOF ENCLOSURE IS USED TO HOUSE THE SENSOR, THE ENCLOSURE MUST BE PROPERLY GROUNDED.

4. THE CABLE ENTRY REQUIRES 360° GROUNDING COVERAGE TO THE ENCLOSURE CASE. THIS IS OBTAINED BY USING MULTICONDUCTOR CABLE WITH FULL BRAID AND A CABLE FITTING THAT PROVIDES A METAL TO METAL CABLE CLAMPING CONNECTION. THE INSULATION OF THE CABLES SHOULD BE STRIPPED BACK TO ALLOW FOR CONNECTION TO THE SENSOR AND ALLOW FOR THE CABLE FITTING TO CLAMP ONTO THE BRAIDED SHIELD. ANY OPEN AREAS SHOULD THEN BE COVERED USING FOIL TAPE.

5. IN HAZARDOUS LOCATIONS WHERE METAL CONDUIT IS USED, 360° GROUNDING IS ACHIEVED. ALL CABLE SHIELDS SHOULD BE TERMINATED TO THE ENCLOSURE GROUNDING STUD.

6. WARNING: TO AVOID DAMAGE TO SENSOR, IT IS REQUIRED THAT THE INPUT POWER BE CURRENT LIMITED TO 400MA TO AVOID OVERPOWERING THE SENSOR IN THE EVENT OF IMPROPER FIELD WIRING.

7. CAUTION: PULSE OUTPUT IS NOT SHORT CIRCUIT PROTECTED. ENSURE PROPER WIRING BEFORE APPLYING POWER. IMPROPER WIRING WILL CAUSE CATASTROPHIC DAMAGE TO THE SENSOR.