* 1. EXPLOSION PROOF MAGNETIC LOCKS
     1. Explosion Proof Magnetic Lock:

\*\* NOTE TO SPECIFIER \*\* Delete model not required.

* + - 1. Product: Model EP17624 - Single Explosion Proof EMLock with door status sensor. Push side mounting with conduit fitting on side block of EMLock housing. Lock mounting holes through EMLock housing top plate.
      2. Product: Model EP17624TJ - Single Explosion Proof EMLock with Z bracket and door status sensor. Pull side mounting with conduit fitting on top of EMLock housing. Lock mounting holes through EMLock housing back plate.
         1. EMLock magnetic core to be encased in epoxy to eliminate sparks. A threaded hole prepared for 1/2”-14 NPT conduit fitting shall ensure protection of the wiring.
         2. Holding Force 600 lbs (272 Kg), Voltage Input: 24 VDC +/- 10% @ 250 mA. Door Sensor Rating: 100 mA at 30 VDC maximum.
         3. EP17624 Housing Dimensions: 10.5”L x 2”H x 1.75”D
         4. EP17624TJ Housing Dimensions: 10.5”L x 2.25”H x 1.75”D
         5. EP17624/TJ Armature Dimension: 7.125”L x 1.75”H x 0.75”D
         6. UL Listed for Hazardous locations, CLASS1, DIVISION 2 all Groups A, B, C, D Environments.
         7. EP17624/TJ suitable for use in the following atmospheres: Acetone, Ammonium Hydroxide, ATSM fuel C, Benzene, Methyl Ethyl ketone, Diethyl-Ether, 2- Nitropropane, Ethyl-Acetate, Furfural, Normal Hexane and Methyl Alcohol.
         8. EMLock operating temperature not to exceed 185°F (85°C). Maximum ambient temperature not to exceed 104°F (40°C).
         9. EMLock must be connected to a NEC (National Electric Code NFPA 70) Class 2 Power Supply circuit rated for 24 VDC with a minimum current output of 0.5 Amps and output power of 12 Watts. Use of a UL Listed SDC 600 Series Power Supply is recommended.

\*\* NOTE TO SPECIFIER \*\* Delete power source requirements not required.

\*\* NOTE TO SPECIFIER \*\* Delete accessory not required.

\*\* NOTE TO SPECIFIER \*\* Delete accessory not required. For swinging gate or top jamb door application