

# Magnetic Pick-Up

## Model 11408X

### Overview

Model 11408X RPM sensor is designed for diesel truck use on SPEEDTRAP™ systems using model 8210 electronic speedswitch.

### Typical applications

- Tank trucks
- Vacuum trucks
- Oil field trucks and equipment
- Offshore engines
- Trenchers
- Drilling rigs
- Oil skimmer barges
- Aircraft ground equipment

### Key features and benefits

- Permanent magnet RPM sensor
- Fits in standard  $\frac{3}{4}$  inch UNF hole in flywheel housing
- Sends pulse signal to CSX-300 or AMOT 8210 range speed switches
- Rubber boot included for sensor leads
- Available installation kit includes toggle switch, dashboard label and shielded cable



**Model 11408X  
Magnetic Pick-up**

# Magnetic Pick-up - Model 11408X

## Operation

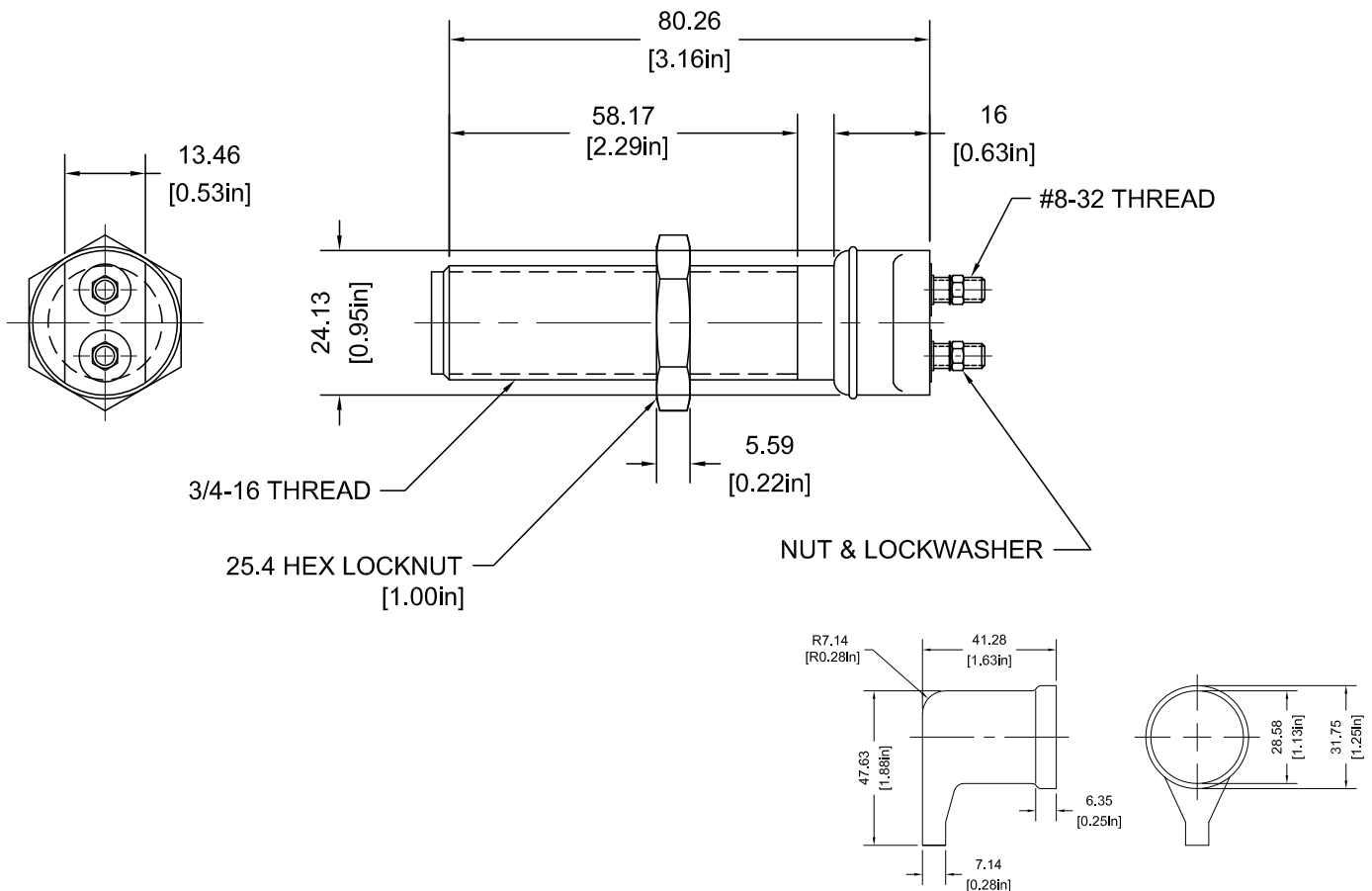
A permanent magnet built into the sensor provides a magnetic field at the base of the sensor. As each tooth of the flywheel passes through the magnetic

field, a signal (voltage pulse) is generated. This signal is then sent to the 8210 Speedswitch for monitoring.

## Specification

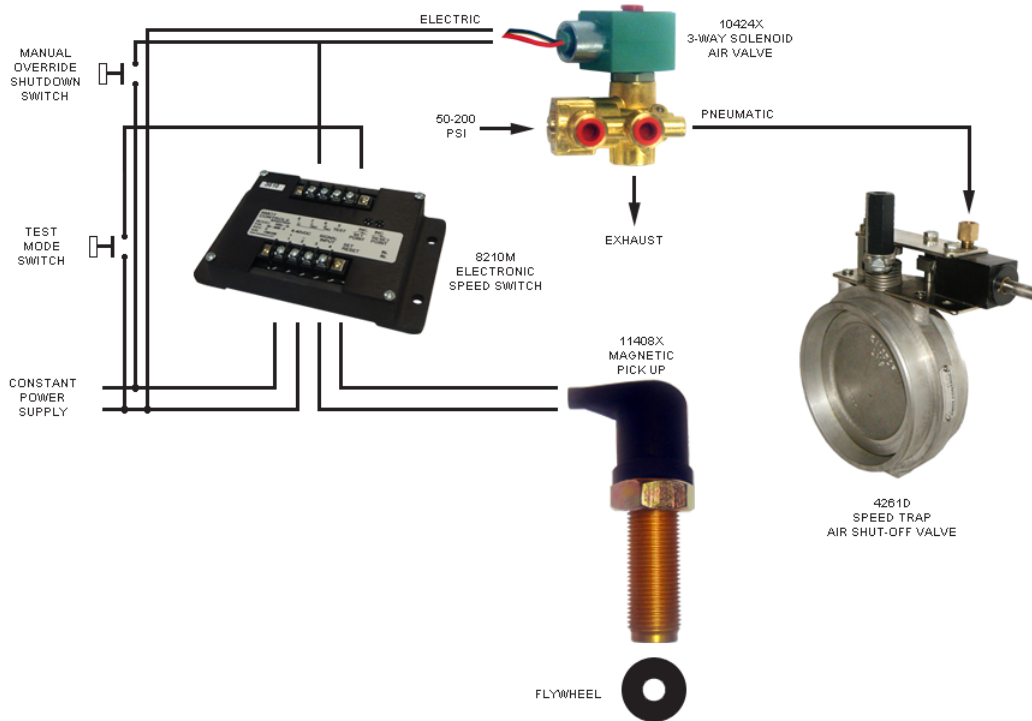
|                               |                       |              |
|-------------------------------|-----------------------|--------------|
| <b>Power supply:</b>          | 10.2 - 12.6 VDC       |              |
| <b>Pressure requirements:</b> | 3.45 - 13.79 bar      | 50 - 200 psi |
| <b>Temperature:</b>           | 18 - 49°C             | 0 - 120°F    |
| <b>Valve body:</b>            | Brass                 |              |
| <b>Valve seals:</b>           | Buna N (Nitrile)      |              |
| <b>Valve piston:</b>          | 303 SS                |              |
| <b>Pressure Connections:</b>  | 1/4" NPT              |              |
| <b>Mounting threads:</b>      | 1/4 - 2.0 x 3/8" deep |              |
| <b>Approvals:</b>             | CSA and UL listed     |              |

## Dimensions



## Typical application

### Electro/Pneumatic Automatic System (Manual Pneumatic)



## How to order

To order specify Model 11408X (with boot).

To order a replacement Silicone boot specify Model 11409.

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