SENSOR TECHNOLOGY FOR MOBILE EQUIPMENT
Hard working mobile equipment requires sensors that can survive the most demanding environments. Scorching heat, freezing temperatures, rain, road salt, corrosive chemicals, radio frequency noise, and the highest levels of shock and vibration are just another day on the road.

Designed with mobile equipment applications in mind, Pepperl+Fuchs provides the toughest and most versatile sensors on the market. When your equipment has to operate in extreme environments, choose the sensor that withstands the abuse. Visit us at: www.sensing.net/me1
**Fifth Wheel Position**
- Fifth wheel is locked in the “up” position
- Survives extreme shock and vibration

**Chute Position**
- Confirms chute is in center position
- Allows fifth wheel to be lowered or raised

**Drum Rotation**
- Counts drum revolutions
- Ensures proper mixing

**Dump Bed Down Position**
- Provides feedback when dump bed is down
- 100 V/m radio frequency immunity

**Brake Pedal Position**
- Prevents transmission engagement while braking
- Initiates brake light

**Attachment Detection**
- RFID of attachment tool
- Inductive sensor monitors attachment tool presence

**Cab Position**
- Counts pulse to determine rotational position
- Determines home position

**Inclination detection**
- Determines degree of tilt relative to the earth
- Automatic cab leveling

**THE TOUGHEST & MOST VERSATILE SENSORS IN THE INDUSTRY**

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SENSORS THAT SURVIVE THE MOST DEMANDING ENVIRONMENTS

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Outrigger Monitoring
- Outrigger extended and retracted
- Extended sensing range

CRANE
- Cab Home Position
  - Precise positioning
- Continuous Absolute Wheel Steer Position
  - Analog inductive sensor
  - Exact wheel steering position
- Boom Home Position
  - Ensures boom is centered
  - Solid-state, long life, reliable
- Boom position
  - Measures absolute boom angle position
  - 360° analog inductive technology
  - Survives heavy washdown

FIRE TRUCK
- Rung Position
  - Precise alignment of ladder rungs
- Storage Door Position
  - Verifies storage door closed
  - Saves equipment from loss
- Wheel Steer Home Position
  - Confirms rear steering wheels are centered
- Wheel Steer Home Position
  - Confirms rear steering wheels are centered
- Cage Position
  - Cage stowed
Pepperl+Fuchs sets the standard in quality and innovative technology for the world of automation. Our expertise, dedication, and heritage of innovation have driven us to develop the largest and most versatile line of industrial sensor technologies and interface components in the world. With our global presence, reliable service, and flexible production facilities, Pepperl+Fuchs delivers complete solutions for your automation requirements—wherever you need us.