

# POSITIONING SYSTEM AND INCLINATION & ACCELERATION SENSORS

## INDUCTIVE DISTANCE MEASURING SYSTEM PMI

### AT A GLANCE

- Programmable measurement range and signaling zone
- High level of tolerance in respect of control or concentricity errors
- Measured value acquisition using simple steel actuator
- The possible measuring lengths cover a range from a few millimeters up to just short of a meter, or a range of angles from 0 to 360 degrees.

## INDUCTIVE POSITION CODING SYSTEM PCI

### AT A GLANCE

- Wear-free
- Insensitive to dirt, oil and grease
- Provides absolute position even after power failure
- Large reading distance which allows for loose mechanical tolerances of the machine parts
- The PCI system is particularly suitable for precise angle determination of slewing bearings in heavy machinery.

## POSITION ENCODING SYSTEM WCS

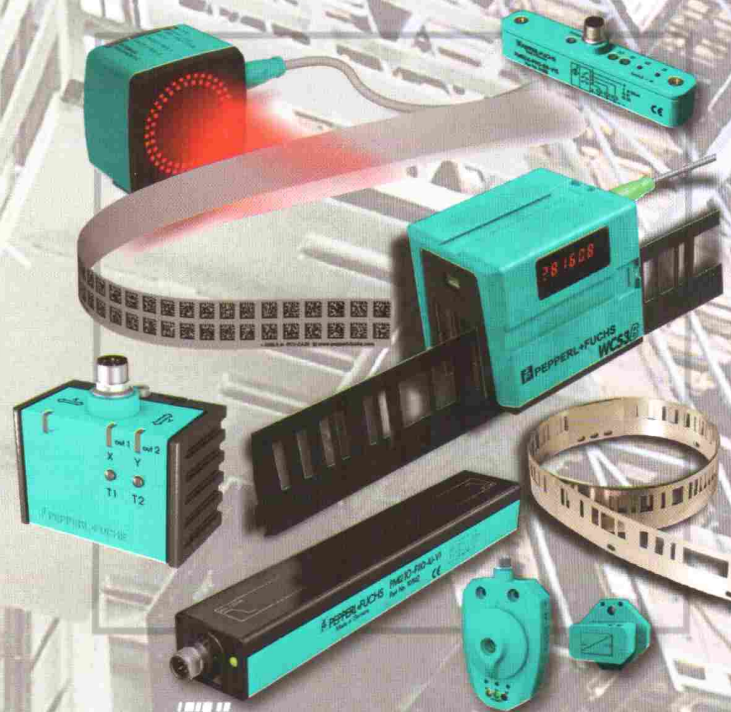
### AT A GLANCE

- Absolute measuring system
- Noncontact wear free
- No reference positions
- Speed up to 12 m/s
- Measuring length up to 327 meter
- Excels in systems with turning, junctions, and gradients
- For Ware housing, Crane Positioning, Elevators, Galvanization Station, studio technology

## DATA MATRIX POSITIONING SYSTEM PCV

### AT A GLANCE

- High degree of position integrity through Data Matrix Codes
- Small reading window enables smallest curve radii as well as inclines and declines
- Extremely robust against dirt and damaging
- The unique code band is available up to 10km
- For material handling, Automotive Industry, Elevator and general machine construction



## INCLINATION AND ACCELERATION SENSORS

### AT A GLANCE

- Programmable switching and analog ranges via teach-in buttons
- Sturdy housing suitable for outdoor use
- Extended temperature range from -40 °C ... +85 °C
- High protection class IP68/69K
- e1 type approval for use on public roads
- Wear-free and without target

### Acceleration sensors

- Non-contact measuring of accelerations in the range -2 g ... +2 g
- Wear-free and without external operating element