

## PRS90

### Hardwired / Wireless Multi-Sensor Indicator

The PRS90's flexible design allows for monitoring single or multiple wireless and/or hardwired sensors. The sensor inputs are displayed on a color graphic display which is capable of monitoring and displaying the status of up to eight sensors.



### Product Features

- 4.3" or 7" Color graphic display with 2.4 GHz wireless technology
- Monitors and displays the status of up to 8 sensors (this includes any combination of wireless and/or hardwired sensors)
- Sensors include load, boom angle, wind speed, length, and anti-two block
- Operator pre-set limits with audible and visual warning
- Installs quickly and easily
- For use in hydraulic, lattice, industrial, port, harbor & offshore crane applications

### Wireless Receiver



#### TRS10 W-2 Wireless Receiver

- Connects up to eight (8) wireless sensors
- Easy CAN Bus configuration
- IP 66/67 rating
- Supply voltage between 10-30 VDC

### Wireless Sensor Options



#### Wireless Wind Speed Sensor

- Three cup wind speed sensor
- Designed for operation in adverse environments
- Quick pivot pedestal mount for quick & easy installation
- Accuracy +/- 2.5 mph



#### Wireless Load Cells

- Load measured to an accuracy of +/- 1%
- Installs easily on headache ball or hook block (dead end)
- Capacity: 15k and / or 45k
- Durable stainless steel design



#### Wireless Anti-Two Block Switch

- Uses proven PAT A2B Switch
- Installs quickly & easily
- Moves easily between mainboom & jib
- Rugged design (sealed & potted)
- Mounts to existing A2B hole pattern



#### Wireless Angle Sensor

- Accuracy of +/- 1.0 degree
- Compact and durable design
- Fully electronic
- Wide temperature range

## ➤ **Hardwired Sensor Options**



### **fSENS KMD - Load Cell**

- Compact and robust design
- Capacity: 10 ton and / or 20 ton
- Adaptable to any application
- Modular structure: steel bushing, ball bearings of different diameters



### **fSENS SKM - Linerider**

- Force measurement for running cables
- Size options: 1/2", 5/8", 3/4", 7/8", 1", 1 1/8"
- Simple retrofit without need for structural change
- Minimal structural height
- Minimal cable wear due to minimal deviation angle



### **iSENS HES - Anti-Two Block Switch**

- Assists in reducing equipment damage by preventing the hook block from contacting the boom tip on cranes and other lifting equipment.
- Electrical switch element is completely sealed in the housing
- Corrosion-proof, light metal alloy housing



### **gSENS LWG - A2B Length & Angle Reel**

- Options: Short boom (49' tele, 72' total) / Long boom (114' tele, 137' total)
- Length range: up to 55 meter
- Angle range: -90° to + 90° / -180° to +180°
- Output signal: CANopen
- Supply voltage: 9...36V DC / 16...30V DC / 10...30V DC
- Protection class: IP66/67
- Temperature range: -40°C to +70°C



## ➤ **Hardwired Camera Option**



### **Hardwired Camera Option**

- Horizontal or vertical camera orientation
- Shock and vibration resistant
- IP68 / IP69k protection class rating
- Operating temperature: -40°C to +85°C
- Kit Includes:
  - Orlaco (FAMOS) camera
  - Magnetic camera mount
  - Cable assemblies