PRS 80 EZ Wireless Multi-Sensor Indicator Mobile Cranes

The PRS 80 EZ's flexible design allows for monitoring single or multiple sensor inputs. The sensor inputs are displayed on a large back-lit graphic display which is capable of displaying up to seven sensors at one time. The PRS 80 EZ utilizes Frequency Hopping Spread Spectrum Technology (FHSS) which transmits on one of 25 different channels to ensure accurate and consistent reception of data. FHSS also provides additional protection against interference common to construction job sites.

PRS 80 EZ Console and load display

Features

Displays up to seven sensors at one time

Monitors combinations of load, boom angle, wind speed, and anti-two block

Operator pre-set limits with audible and visual warning

FHSS - Frequency Hopping Spread Spectrum Technology

Operating range up to 1000 feet

Used on any size mobile crane

Installs quickly and easily in the field

PRS 80 EZ A2B & wind speed displays

Proven Sensor Technology

The PRS 80 EZ incorporates the standard A2B switch that is currently used industry wide on thousands of mobile cranes. All electronics are sealed and potted, which make for a rugged and durable switch.

Load is measured to an accuracy of + 1% FS using a uniquely shaped load cell that can be easily installed on a headache ball or hook block.

The wireless angle sensor is compact and durable in design. The cranes' boom angle is measured to an accuracy of +/- 1 degree. The three cup wind speed sensor is designed for operation in adverse environments. The quick pivot pedestal mount allows for quick and easy installation in fixed or mobile applications.

PRS 80 EZ Sensors Options

System Specifications

Input Voltage:	10 - 30 volts
Reverse Polarity Protected	
Operating Temperature:	-20C to +85C
Console Dimensions:	2.95" *(75mm)* x 4.33 *(110mm)*
System Rated:	IP65
Frequency:	900 Mhz FHSS *(Optional 2.4 Ghz FHSS)*
Radio Range:	Up to 1000 feet
Battery:	4-C Type, Alkaline/Lithium
Battery Life:	Alkaline - Up to 7 Months, Lithium - Up to 14 Months

PRS 80 EZ Component Part Numbers

Manitex Part Number	Description
6608022	Wireless Indicator, Base Kit
6608023	Wireless A2B Switch
6608024	Wireless Angle Sensor
6608025	Wireless Wind Speed Sensor
6608026	Wireless Loadcell 15K
6608027	Wireless Loadcell 45k