



HIRSCHMANN

A **BELDEN** BRAND

iSCOUT PRS80

Wireless Multi-Sensor Indicator for Mobile Cranes

Controls
Consoles
SLIs
Sensors
Service




The iSCOUT PRS80'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 iSCOUT PRS80 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.

- 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



Technical Data

Description	iSCOUT PRS80
	
Input Voltage	10 - 30 volts
Reverse Polarity Protected	
Operating Temperature	-20° C to +85° C
Console Dimensions	120 mm x 122 mm x 60 mm 4.7 in x 4.8 in x 2.3 in
System Rated	IP 65
Frequency	900 Mhz 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

Proven Sensor Technology

The iSCOUT PRS80 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.

Hirschmann's wireless angle sensor is compact and durable in design. The cranes boom angle is measured to an accuracy of +/- 1 degree.

Hirschmann's 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.

iSCOUT PRS80 Sensor Options



iSCOUT PRS80 A2B & Wind Speed Displays



Specifications are subject to change without notice.



Cranes & Equipment Specialists of Chicago

10900 S. 85th Ave., Palos Hills, IL 60465-2379
Phone: (708) 636-6010 • Fax: (708) 974-2528
Email: sales@cescrane.com

©Copyright 2012, Belden Inc.

www.cescrane.com

**PAT
KRÜGER**

