

# HAZARDOUS AREA CRANE SYSTEMS

Certified to Class I, Division II, the Hazardous Area product family brings McCoy Global reliability and precision to potentially explosive atmospheres and brutal offshore environments.

McCoy Global crane systems have answered challenges across many applications: offshore/marine, nuclear, materials handling, mobile and fixed, new and retrofit systems. And all McCoy Global systems are custom tailored to your application by a McCoy Global engineer. Our most popular configurations include:

## BOOM CRANES

- crawler, digger derrick, knuckle boom, lattice, telescopic, tower hoist

## GANTRY & OVERHEAD BRIDGE CRANES

- grapple, portal types, tower

## SPECIFICATIONS COMMON TO PRODUCT FAMILY

Supply Voltage:	10.5 to 28 VDC
Operating Temperature:	-40 to 65°C
Storage Temperature:	-40 to 85°C
Operating Humidity:	5 to 95%
Operating Altitude:	≤1500 m
Enclosure Rating:	NEMA Type 4X; IP66

Conforms to ANSI/ISA 12.12.01 ANSI/UL 61010-1  
Certified to CAN/CSA C22.2 No. 61010-1  
CAN/CSA C22.2 No. 213  
Class 1, Div 2, Grp C, D T4 (-40C<ta<75C)  
Type 4x IP66, 10.5-28VDC 3000mA



**WWW.MCCOYGLOBAL.COM**  
**1.512.610.5200 SALES@MCCOYGLOBAL.COM**

**ISO9001**

**SENSORS  
SYSTEMS  
SERVICES** **3PS, Inc.**

**MCCOY  
GLOBAL**

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## SD50-H14 PREMIER DISPLAY & CONTROLLER

Extreme Durability, Robust Communications, and Ease of Use make SD50-H14 the premier display for crane and winch applications in hazardous areas.

### EXTREME DURABILITY:

A stainless steel enclosure that is NEMA Type 4X and IP66 rated allow SD50-H14 to survive environmental and physical abuse.

### ROBUST COMMUNICATIONS:

Digital communications across the sensor network simplify wiring schema while offering the best possible noise-immunity. And a variety of data output options allow for data logging, networking multiple systems, and remote monitoring from a mobile device or over the internet.

### EASE OF USE:

An intuitive and highly configurable user interface, seamless load chart integration, and easy on-screen calibration can automate the most complex load monitoring applications.



## LOAD SENSORS

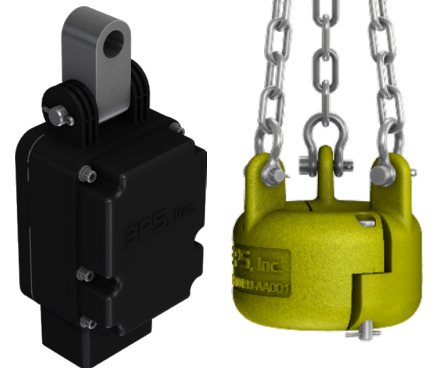
Often Class I, Division 2 rated, McCoy Global hazardous area load sensors include both custom and off-the-shelf designs that maximize safety and reliability. Sensors can be configured with digital CANbus or 4-20mA outputs. The three most popular form factors:

- LP-H Series Load Pins for Hazardous Areas
- TL-H Series Tension Links
- CC-H Series Compression Load Cells



## A2B-H ANTI-TWO BLOCK

A simple yet effective system consisting of a weight detector and torus-shaped weight, the A2B-H simplifies proximity detection between the upper block and lower block or hook for boom lengths up to 100 feet.



## SLA-H ANGLE SENSOR

Built to perform in the harshest conditions, the SLA-H reliably delivers precise angle measurements from the boom to the SD50-H14.

