

Crane Load Indicator System for EOT / Gantry Cranes & Hoist

KOPS + BD



Features

- System available in Wired or Wireless Option
- Single or both hook Monitoring, available in single hook and dual hook configuration.
- The System monitors and displays the load on hook. It provides independent Visual+ Audible indications on display for these conditions:
 - > *Overload condition*
 - > *Wire rope slack condition*
 - > *Hook Over hoist condition*
- Fail Safe Operation, relay operation when cable break, signal out of range, ensuring 100% safety
- Cut off /Tripping function implementation by relays,
 - > *Overload,*
 - > *Wire rope slack,*
 - > *Fail safe condition*



Specifications

- Ultra Bright 4”(100mm), 4 digit LED display
- No alteration in existing system
- Rugged for outdoor duty
- Fast Installation, can be done in minutes, no specific tools required.
- Simple Calibration, using in built keypad
- Complete digital processing, fast, accurate & reliable
- Wide range Power supply input: 90V~ 260 VAC
- Operating temperature: 0 ~ 60 degree C
- Storage temperature: -20 ~80 degree C
- Choice of various load sensors to suit application

✔ On
 ✘ Off
 ✔ ✔ ✔ ✔ Blink

Condition	Green Lamp	Red Lamp	Hooter	Hoist Up Relay	Hoist Dn Relay	Fail Safe Relay
Load is less than SP1 Wire rope Slack	✔	✔	✔	✘	✔	✘
Load is between SP1 – SP2	✔	✘	✘	✘	✘	✘
Load is between SP2 – SP3	✘	✔	✘	✘	✘	✘
Load is between SP3- SP4	✘	✔	✔	✔	✘	✘
Load is between SP4-SP5 with Bypass Key On	✘	✔	✔	✘	✘	✘
Load is between SP4-SP5 Bypass Key Inhibit	✘	✔	✔	✔	✘	✘
Cable Break / Signal Out of Range	✘	✘	✔	✔	✔	✔

Optional Facilities

- > *Additional Cabin display can be provided*
- > *Data logger facility provided*
- > *Remote monitoring through GPRS connectivity*
- > *Remote monitoring through Wi-fi connectivity*
- > *Load summation display when two cranes are operating in tandem*

