

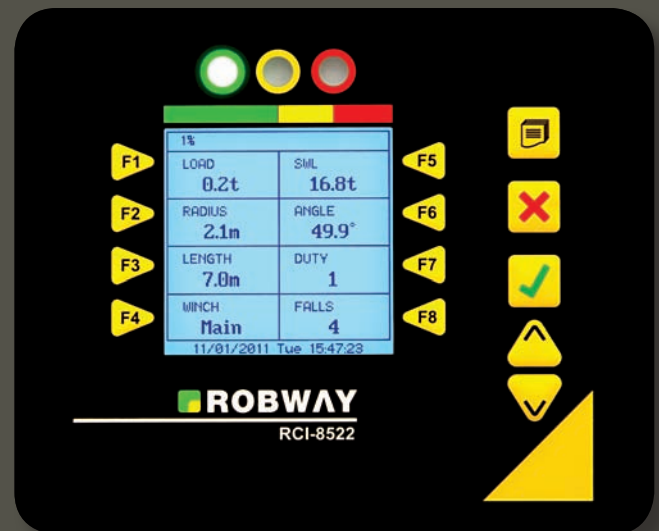


RCI – 8522 **Rated Capacity Indicator**

ROBWAY

Cost-effective solutions / World-wide support / Quality and innovation

- ▶ ISO61508 SIL2 and EN954-2 compliant
- ▶ Compact and powerful
- ▶ No computer test set required
- ▶ SD-card interface
- ▶ Variety of crane applications
- ▶ Tension or load-moment based load calculation
- ▶ Daylight-readable LCD operator interface
- ▶ Multiple limiter outputs
- ▶ Flexible analog, digital, and serial I/O
- ▶ Extensive load chart memory
- ▶ Simple calibration via Integral LCD and keypad
- ▶ Rugged design resistant to humidity & vibration
- ▶ Gimbal mount or flush-mount



RCI – 8522 Rated Capacity Indicator

Internationally Recognised Certification

Features

- Multiple Sensor Interfaces; Analog, Digital, Serial, CAN Bus
- On-Board LCD and Keypad Calibration
- Concise Operator Screen with Continuous Configuration, Load, and Geometry Parameters
- SD Card For Upload and Download of Configuration, Load Charts, Calibrations And Datalog.
- Dedicated Limiter outputs for general Motion-cut and Hoist-Up limit
- Configurable Digital I/O for Proximity Switches, Limiter Outputs, etc.
- Dedicated External Warning Light Bar Interface
- Secure Calibration Screens PIN-code Protected
- Metric or Imperial Unit Selection
- Complete System Diagnostics Allow Quick Fault-Finding
- ELOG-ready Data Interface
- Rugged ABS Housing
- Data-Logging Standard
- Variety of Termination Facilities Available

Specifications

Analog Sensor inputs	4 differential or 8 single-ended analog sensor inputs
Digital I/O	8 bidirectional, configurable as Inputs, Outputs, Limiters 3 External Light Bar
ATB	2 Dedicated input channels
RS232	Configuration upload / download Calibration upload / download Datalog download
SD Card	Configuration upload / download Calibration upload / download Datalog download
CAN bus	CAN 2.0 B
RS485	ELOG Interface
IS061508	SIL 2 Capable (dependent upon system design)
EN954	CAT 2 Capable (dependent upon system design) For CAT3 applications Consult Factory
CE Compliant	Yes
Supply voltage	9-36 VDC Reverse voltage protection
Operating temperature	-20°C to +70°C
Environmental	IP65
Humidity	0 to 99% non-condensing
Shock	IEC 60068-2-27, half sinus, 1000g (1ms)
Vibration	IEC 60068-2-6, 5-500 Hz, 20g, 10mm
Housing Material	ASA+PC plastic material Heat and UV-resistant
EMC RF Emissions	EN61000-6-2 CISPR22, C-Tick
EMC RF Immunity	EN61000-4-2
RoHS Compliant	Yes