



**FLEXCO WEIGHING AND SAFETY KIT FOR OVERHEAD CRANES**





## **FLEXCO SENSOR TECHNICAL SPECIFICATIONS**

- WIRING «FROM LEFT TO RIGHT» 1: Ex+, 2: Sig+, 3: Ex-, 4: Sig-
- SENSOR DIMENSIONS: 25mm X 25mm X 5mm
- RATED CAPACITY: SAME AS YOUR STRUCTURE «UNLIMITED CAPACITY»
- TOTAL ERROR: FROM .5% TO 3% «BASED ON THE ACTUAL STRUCTURE»
- THERMAL OUTPUT: 0.5  $\mu$  m/m DEGREES C(-1)
- ZERO BALANCE: + OR – 1% OF FULL SCALE
- INPUT: 350 OHMS + OR – 3 OHMS
- OUTPUT: 350 OHMS + OR – 3 OHMS
- GAUGE FACTOR: 2.12  $\pm$  0.5%
- ACTUAL GRID SIZE OF EACH STRAIN GAUGE: 3mm X 3mm
- INSULATION IMPEDANCE: LESS THAN 5000 MEGA OHMS
- OPERATING TEMPERATURE RANGE: -40 TO +60 DEGREES C
- MAXIMUM SAFE OVERLOAD: BASED ON THE ACTUAL STRUCTURE
- UNLIMITED OVERLOAD: BASED ON THE ACTUAL STRUCTURE
- EXCITATION: FROM 1 TO 12 VOLTS DC
- MAXIMUM EXCITATION: 15 VOLTS DC
- PROTECTIVE COVER MATERIAL: STAINLESS STEEL COVER «OPTIONAL»
- CABLE'S LENGTH: BASED ON THE CUSTOMER'S REQUEST



## FLEXCO I-5000 TECHNICAL SPECIFICATIONS:

- SIZE: (L x W x H) 6.3" x 3.9" x 4.2" (160mm x 99mm x 106mm)
- LED DISPLAY
- 9-12 VDC – 500mA
- STAINLESS STEEL ENCLOSURE
- 7 LED DIGITS
- 5 FUNCTION KEYS
- 2 PROGRAMMABLE OUTPUTS DRY CONTACT RELAYS
- RELAYS ARE RATED AT MAXIMUM 240V/12A
- GENERALLY USED FOR OVELOAD CUT-OFF AND SLACK CABLE CUT-OFF  
(a.k.a. dead load cable or loose cable)
- TIME DELAY CAN BE SET TO COMPENSATE THE SWING EFFECT
- CAN BE CONNECTED TO A WIRELESS DISPLAY KIT
- WORKING TEMPERATURE FROM -25°C~ +70°C

## AURORA 20 REMOTE DISPLAY

### BIGGER. BRIGHTER. *BETTER.*

A super bright, 2 inch remote display.  
Aurora displays are easy to see and easy to use.  
Suitable for indoor and outdoor use.

### FEATURES

- Big, ultra-efficient LED display
- 2" digits
- Compact enclosure design
- Viewing range well in excess of 50 feet
- Auto-Learn Technology
- 5 standard communication protocols
- Selectable indoor & outdoor brightness levels
- Power Save mode
- Weather-proof enclosure
- Non-glare lens (optimized for LED clarity)
- Leading zero suppression
- Optically isolated port for lightning protection
- Easy to use WIRELESS option
- Limited Alpha-numeric capabilities
- Switch selectable configuration
- Pre-installed utility programs COMMAND mode, Freeze Display, and more...



\* Shown with Wireless Option

\* Stainless Steel Enclosure model now available!

\* 12 V / 24 V adapter model also available!

### SPECIFICATIONS

#### DISPLAY

- High intensity (Ga Al In P) LED lamps
- 6 digits (7 segments each)
- 1 or 2 decimal places
- 4 annunciator lights (GR, NT, lb, kg)

#### COMMUNICATIONS

- RS-232
- RS-422
- RS-485 Multi-drop
- 20 mA Current Loop (Active & Passive)

#### DATA FORMAT

- Auto-Learns Data strings, Baud Rate, Data Bits, Parity, and Stop Bits.
- Command mode for custom strings

#### POWER REQUIREMENTS

- 100-240 VAC 50/60 Hz
- Consumption: 200 mA (15 W)

#### ENCLOSURE

- Mild steel with powder coated finish
- Breather vent (prevents condensation)
- Tough, dependable, and weather-proof

#### DIMENSIONS

- 12 7/8" x 6" x 2 1/4"  
(327mm x 152mm x 57mm)

#### WEIGHT

- 6 lb (3 kg)

#### OPERATING TEMPERATURE

- -40°F to 120°F (-40°C to 50°C)

#### WARRANTY

- 2 year standard warranty

# Harmony™ XB5R

## Wireless, Batteryless Push Button

Better control of your operations anytime, anywhere



Utilizing wireless technology, the Harmony XB5R wireless, batteryless push button is easy to install in both new and existing applications, such as bottling, packaging and conveying lines. Now, you no longer need to pass a cable through the machine structure or cable tray to connect the push button to the electrical panel – cutting installation costs by 20% as compared to traditional wired solutions.

When the operator pushes the button, mechanical energy is transformed into electrical energy, which sends a one-time radio message to one or multiple receivers. In addition, up to 32 push buttons can be synched to a receiver, providing even greater mobility in any environment. This batteryless solution offers permanent availability, benefits the environment and eliminates costly battery maintenance, re-charging and recycling.

### > Key features

- Quick and easy installation
- Eliminates wires and cables
- Flexible due to its mobility
- Greater control and mobility for operators
- Maintenance-free

The wireless technology helps to achieve greater productivity by providing operators with greater freedom and mobility, allowing them to remotely control machines at a distance of up to 25 meters in a factory environment. Similar to other Harmony products, the wireless, batteryless push button is well-suited for harsh industrial environments, where added protection of your people and machines is paramount.

### Reduction of wiring

- Conveying systems
- Automation systems
- Facility applications (fan control, lighting control)
- Eliminate conduit in wash down environments

### Flexibility in industrial environments

- Kanban systems (inventory management)
- Call systems for work stations

### Operator mobility

- Fork trucks/garage doors
- Gate operations from a truck
- Portable operator control (on the person)
- Palletizer systems
- AGV call management

### Applications

- Assembly lines
- Automotive
- Bottling
- Complex and special machines
- Control and monitoring
- Data centers
- Food and beverage
- Packaging



Scan the code and watch how to program the Harmony XB5R push button

Make the most of your energy<sup>SM</sup>

**Schneider**  
Electric