

| WIRE ROPE & CABLE INSPECTION

Background

We take it for granted that a lot of our safety systems that rely on wire cable will work flawlessly when needed. What makes this assumption a reality is that there are teams of inspectors whose job it is to routinely validate that cable systems meet the requirements for strength and for corrosion resistance. When you think of it, wire rope and cable is all around us in the form of marine mooring lines, ski lifts, suspension bridges, elevators, cranes and hoists and drilling equipment. Without regular inspections and validation, these system could easily fail and cause tremendous damage and loss of life.

“There are teams of inspectors whose job is to routinely validate that cable systems meet the requirements for strength and for corrosion resistance in order to make them safe”


Solution

Cable inspectors need to be able to spool out the whole length of cable and be able to precisely pinpoint any trouble spots. Usually they run the cable through a cable tensioning device which measures the cable length and can also be hooked up to other types of detectors for corrosion, stray wires, or other defects. It's imperative that the inspector be able to make a precise location for inspection purposes and a multi-turn absolute is the right tool for the job. It has the added benefit of tracking position even through a power outage so the inspector never loses the location information.



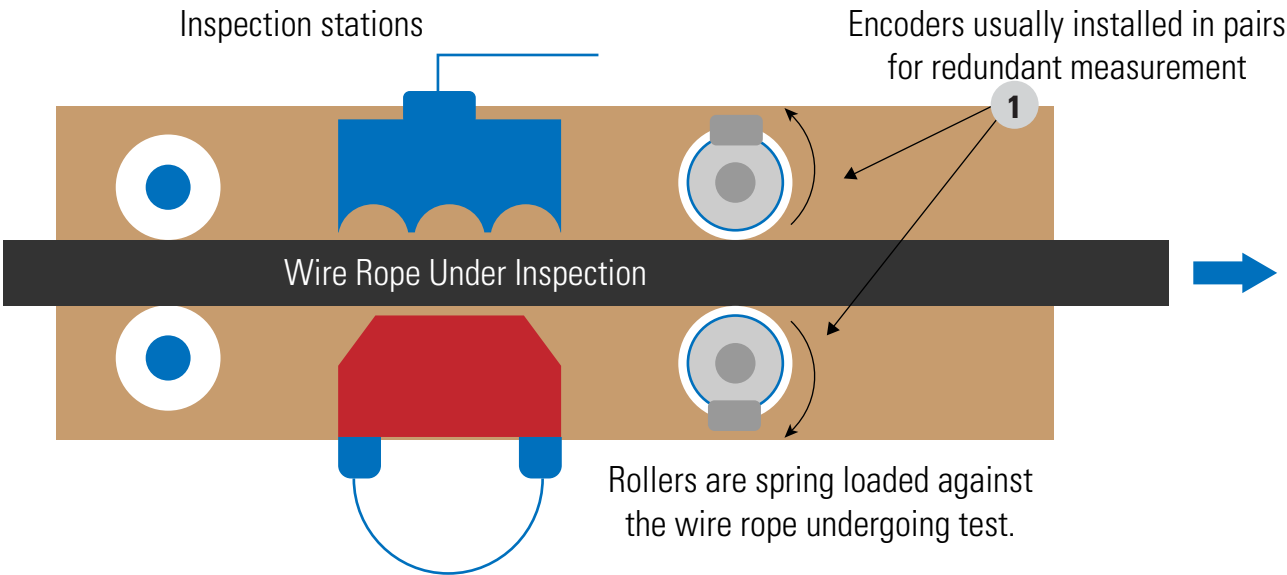


RECOMMENDED PRODUCTS

Reference on Diagram	Product	Type	Features	Part Number	Function	Brand
1	 MHM5	Shafted And Hollow-Shaft Encoder	Rotary Multi-Turn Absolute Output. Etherne/Ip Or Profinet Options	MHM5/MHK5 Family	Multi-Turn Absolute	BEI Sensors



DIAGRAM



Sensata Technologies, Inc. ("Sensata") data sheets are solely intended to assist designers ("Buyers") who are developing systems that incorporate Sensata products (also referred to herein as "components"). Buyer understands and agrees that Buyer remains responsible for using its independent analysis, evaluation and judgment in designing Buyer's systems and products. Sensata data sheets have been created using standard laboratory conditions and engineering practices. Sensata has not conducted any testing other than that specifically described in the published documentation for a particular data sheet. Sensata may make corrections, enhancements, improvements and other changes to its data sheets or components without notice.

Buyers are authorized to use Sensata data sheets with the Sensata component(s) identified in each particular data sheet. HOWEVER, NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER SENSATA INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY THIRD PARTY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT, IS GRANTED HEREIN. SENSATA DATA SHEETS ARE PROVIDED "AS IS". SENSATA MAKES NO WARRANTIES OR REPRESENTATIONS WITH REGARD TO THE DATA SHEETS OR USE OF THE DATA SHEETS, EXPRESS, IMPLIED OR STATUTORY, INCLUDING ACCURACY OR COMPLETENESS. SENSATA DISCLAIMS ANY WARRANTY OF TITLE AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, QUIET ENJOYMENT, QUIET POSSESSION, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS WITH REGARD TO SENSATA DATA SHEETS OR USE THEREOF.

All products are sold subject to Sensata's terms and conditions of sale supplied at www.sensata.com SENSATA ASSUMES NO LIABILITY FOR APPLICATIONS ASSISTANCE OR THE DESIGN OF BUYERS' PRODUCTS. BUYER ACKNOWLEDGES AND AGREES THAT IT IS SOLELY RESPONSIBLE FOR COMPLIANCE WITH ALL LEGAL, REGULATORY AND SAFETY-RELATED REQUIREMENTS CONCERNING ITS PRODUCTS, AND ANY USE OF SENSATA COMPONENTS IN ITS APPLICATIONS, NOTWITHSTANDING ANY APPLICATIONS-RELATED INFORMATION OR SUPPORT THAT MAY BE PROVIDED BY SENSATA.

Mailing Address: Sensata Technologies, Inc., 529 Pleasant Street, Attleboro, MA 02703, USA.

CONTACT US

Americas

+1 (800) 350 2727 – Option 1
sales.beisensors@sensata.com

Europe, Middle East & Africa

+33 (3) 88 20 8080
position-info.eu@sensata.com

Asia Pacific

sales.isasia@list.sensata.com

China +86 (21) 2306 1500

Japan +81 (45) 277 7117

Korea +82 (31) 601 2004

India +91 (80) 67920890

Rest of Asia +886 (2) 27602006
ext 2808