

## WIRE ROPE & CABLE INSPECTION

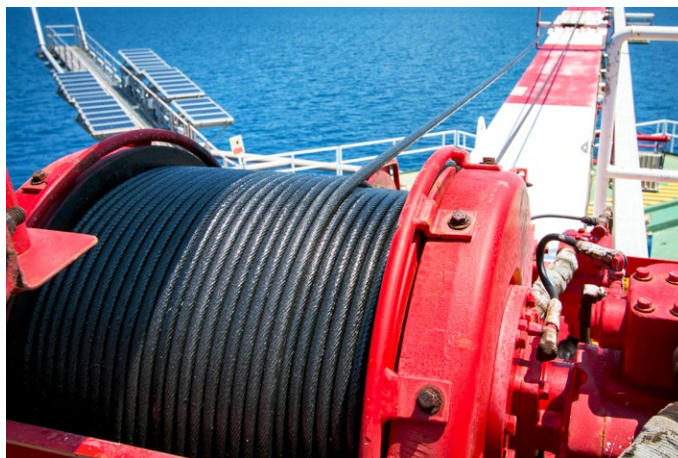
### Background

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 tensing 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.



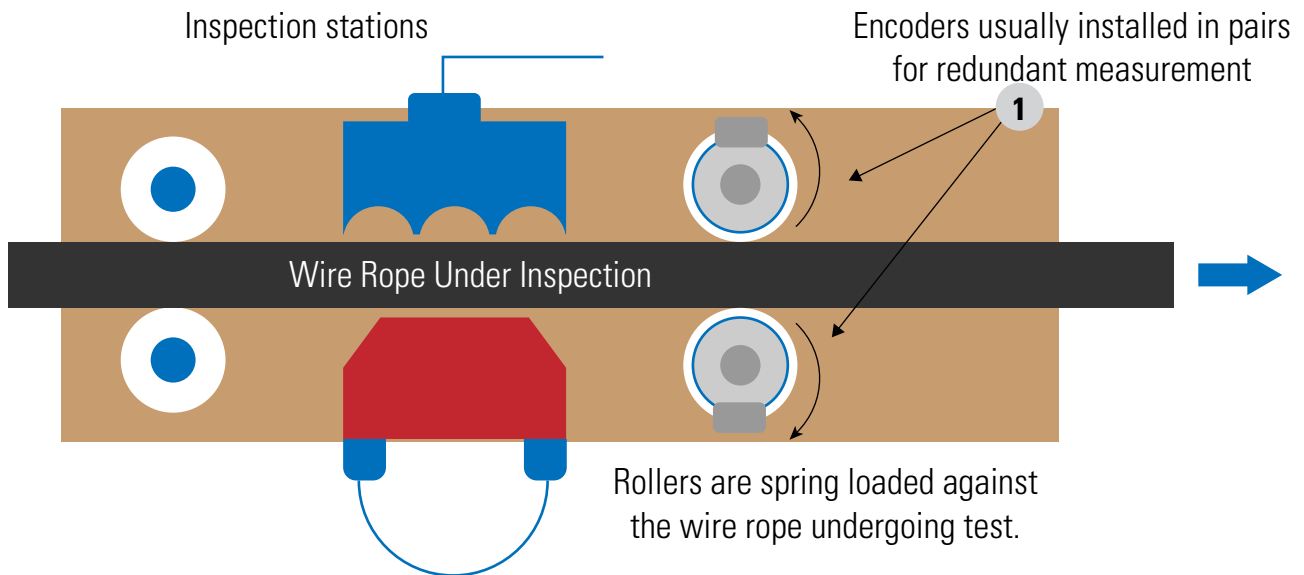


## RECOMMENDED PRODUCTS

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



## DIAGRAM



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