

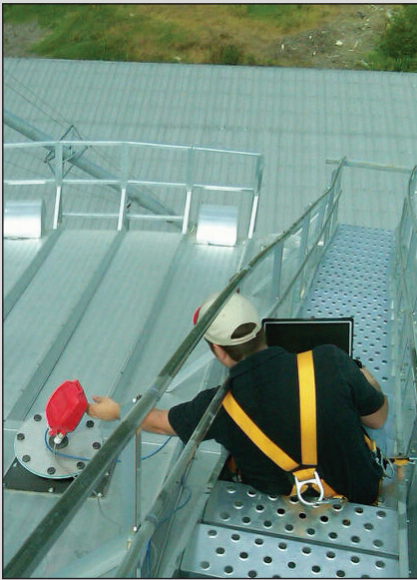
## **QUICK DISCONNECT** Simplify Sensor Replacement



Quick Disconnect wiring uses specially designed connectors to replace hard wiring. This means faster startup and commissioning of level sensors which results in significant time and labor savings. When adding a Quick Disconnect feature to a level sensor installation, it only takes a few minutes to disconnect or reconnect a sensor. Using Quick Disconnect is ideal for circumstances where there is a need to remove and reinstall sensors for cleaning, maintenance, repair, or replacement.

### **Save Time and Money**

This affordable connectivity solution simplifies wiring and expedites the installation and replacement processes. Quick Disconnect connectors replace the time-consuming task of hard wiring. These connectors cut down the time staff must be on a silo exposed to the elements. They can also be used to prevent damage to fragile connectors and make changing out sensors less painful and cumbersome.



## Protect Valuable Equipment

Using Quick Disconnect prevents wiring sensors incorrectly and potentially damaging them. With Quick Disconnect, sensors can be easily replaced without the need for a licensed electrician.

## Reduce Installation Time

Using Quick Disconnect cuts installation times versus hard wiring procedures. There is no cutting wires to length, connecting and securing of wires, or feeding them through conduit entries.

## Maintenance Savings

Removal and replacement of a failed or damaged sensor can be done quickly to minimize downtime. A sensor equipped with Quick Disconnect takes far less time than replacing the same sensor if it is hard wired with conduit.

## Improved Ingress Protection

Quick Disconnect connectors are designed to seal securely to prevent ingress into the connection points between the male and female junctions. This protects equipment from moisture and dust and reduces downtime.



## Sensor Compatibility

Quick Disconnect features are highly desirable for use with point level sensors such as BinMaster rotaries, vibrating rods, and capacitance probes. They can also be used with a BinMaster tilt switch or flow detection sensor. By adding a T connector, Quick Disconnect can also be used in a daisy-chain of NCR-80 non-contact radar level sensors using the Modbus protocol.



## Quick Disconnect Options

Quick Disconnect is available in either the M12 Eurofast or 7/8" Minifast sizes consisting of a male and female connection purchased separately. The male Quick Disconnect connection is installed into the sensor's conduit opening and pre-wired to the sensor's control board.



The female connector comes either field-wireable or with pre-configured lengths of 4/18 AWG cable. Once installed, the sensor can be easily removed by simply disconnecting it from the field-wireable straight female connector.

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