



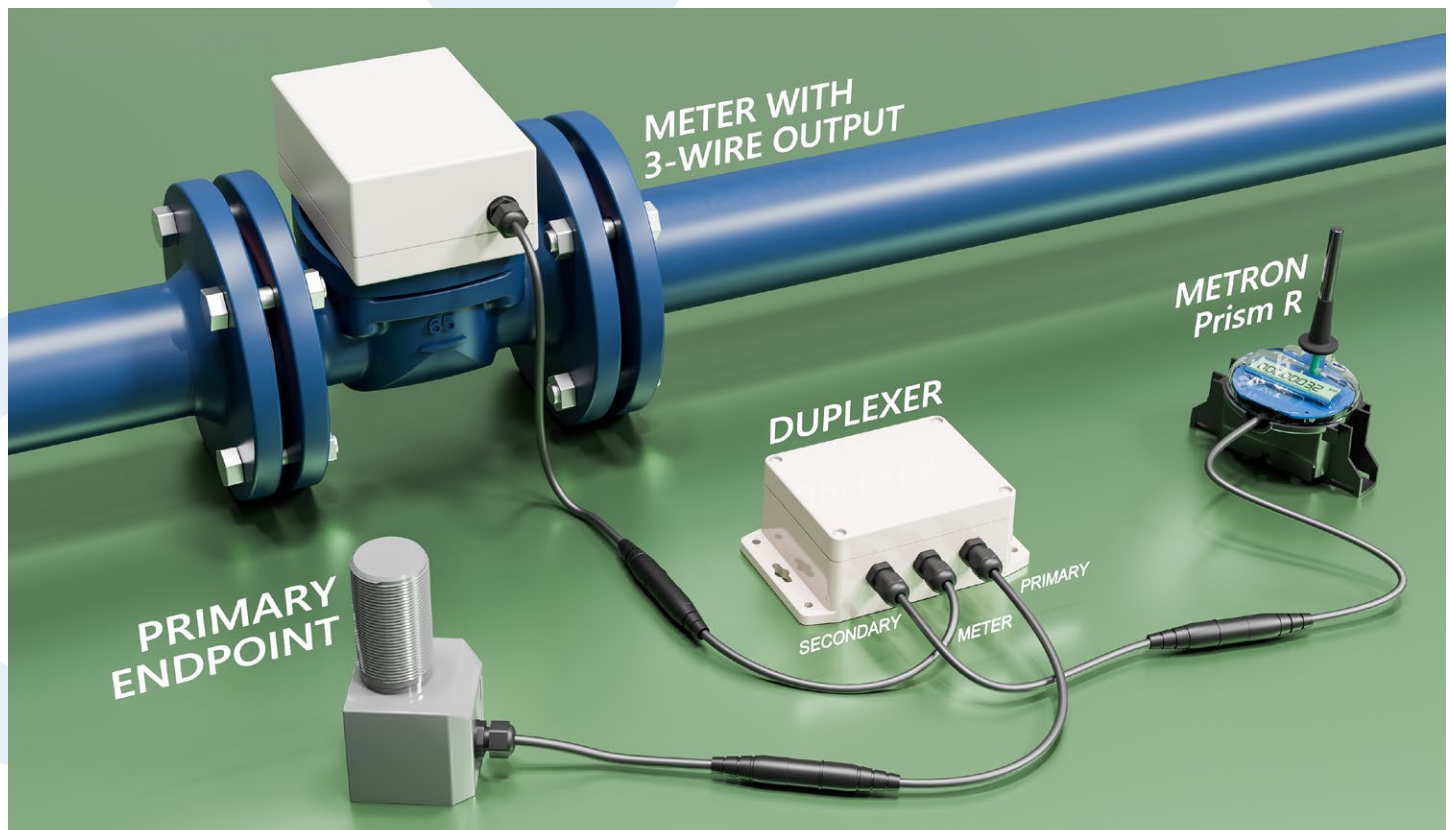
Universal Duplexer for AMI Systems



Designed for situations where a meter is monitored by two AMI endpoints, the Universal Duplexer provides a reliable, robust connection from the meter to the primary endpoint, while allowing a second endpoint to also receive the 3-wire signal. This is ideal for approved third-party monitoring of water consumption for, say, an apartment complex, a mobile home park or an educational campus.

Trust the Connection

- The duplexer is designed to **always prioritize the primary endpoint**. Its 3-wire signal is passed through even when the duplexer's battery expires or in the unlikely event of water ingress.
- The enclosure's IP68 rating means that the duplexer continues working even when submerged.
- Long battery life – and a user-replacable battery – mean low maintenance.



Connections are shown here using Nicor Hydroconn® connectors. Alternatively, wires can be connected to the duplexer's internal terminal block.

Universal Duplexer Specifications

Dimensions:	5.75" x 4.875" x 2.25"
Weight:	12 ounces
Temperature:	-40C to 60C (-40°F to 140°F)
Relative humidity:	5% to 95%, non-condensing
Enclosure rating:	IP68, rated for submersion
Environmental:	ROHS-compliant, lead-free
Meter interface:	AWWA C707-05
Manufacturing location:	USA
Warranty:	2 years
Battery:	Energizer 123 (EL123AP), user-replaceable
Battery Life:	Lesser of 10 years or 350,000 meter reads on the secondary AMI port

Available pre-built with Nicor and/or Itron or Badger compatible connectors.

Metron Prism® R cellular monitor

The Prism R cellular monitor is a sophisticated register which records water consumption data every 5 minutes, uploading that data nightly via the cellular network in your area. Taking its flow signal from a standard 3-wire connection, it is compatible with the Universal Duplexer.



**METRON
Prism R**

WaterScope®

Accurate, detailed water consumption data isn't useful unless you can understand it. That's where WaterScope comes in. With AI-powered analytics and actionable reporting, WaterScope puts utilities – and residents – in control.

Offering leak alerts, usage summaries and details, violation alerts (such as irrigating on off-days) and easy integration with billing systems, WaterScope turns water consumption data into something you can take action on.



Learn more on our website: metron-us.com

Call 303.449.8833 to speak to a member of our sales team, or email us at: hello@metronfarnier.com

