



UTILITY METER SERVICES

METER SETS

Maximizing efficiency and productivity of your first line utility workforce is critical to achieving and sustaining optimal utility production. To enhance your workforce performance, you must ensure they focus on activities that contribute the greatest value.

For most utilities, metering assembly is labor intensive and decreases the time that can be spent on key initiatives such as improving line integrity, maintenance and reliability, and construction. To help customers overcome this challenge, Anixter has developed meter assembly, a solution which offers customizable primary and secondary metering kits.

OUR METERING ASSEMBLY HELPS IMPROVE FRONT LINE WORKFORCE PRODUCTIVITY

Anixter, North America's largest electric utilities distributor, has the in-house expertise to deliver pre-assembled, reliable and accurate primary and secondary meters. All of our meter kits are assembled and wired by quality trained technicians, adhere to strict quality control standards, and are supported with detailed documentation for assembly, wiring and quality. Meter assembly is an integral component of the Anixter apparatus assembly solution, designed to help utilities improve first line workforce productivity and efficiency through pre-assembling primary meters, secondary meters and capacitor banks.

EACH METERING ASSEMBLY KIT IS A CORE EXPERTISE

Accurate and reliable

- Assembled and wired by quality trained technicians adhering to extensive quality control standards
- Subject to extensive quality checks by certified engineering professionals prior to shipping
- Supported with engineering documentation for assembly, wiring and quality control
- Cross-checked to its meter socket to ensure proper wiring accuracy and color code
- Clearly labeled to eliminate work order and shipping errors

Efficient

- Helpful in reducing lead time and inventory cost
- Pre-built kits are available featuring the latest extended current transformers

Customizable

- Pre-wired in form factors including 3S, 4S, 9S, 36S and 45S
- Customizable in conduit length, wire length, wire color code, rack styles, CTs, PTs and specialty cables
- Available with all instrument transformers



THE METERING ASSEMBLY PROCESS

CUSTOMER REQUIREMENTS	PREPARATION/ASSEMBLY	KIT STAGING AREA	WIRING INSTALLATION	QUALITY ASSURANCE REVIEW	FINAL ASSEMBLY
<p>Capture customer requirements and expectations</p>	<p>Locate necessary materials, including secondary meter rack, CTs, PTs, junction box and conduit</p> <p>Begin preliminary assembly of kit including removing the bases of CTs and PTs (if necessary)</p> <p>Unshunt CTs</p> <p>Mount CTs and PTs to the primary or secondary meter rack</p> <p>Add bolts and additional hardware</p> <p>Primary or secondary metering equipment begins to take form</p>	<p>Assemble conduit and connectors</p> <p>Add grounding points</p> <p>Place LINE and LOAD stickers</p> <p>Install rubber grommets or connector bushings</p> <p>Perform preliminary quality inspection to ensure proper hardware is installed prior to wiring</p>	<p>Install fabricated wiring harness</p> <p>Install labels to potential, common (if needed) and ground wiring</p> <p>Wire meter socket per customer color code</p> <p>Perform wire chaffing check</p>	<p>Kit inspected using quality control checklist</p> <p>Kit re-inspected using quality control checklist</p> <p>Components such as CT and PT orientation are checked</p> <p>Shunts, wire color codes, customer requirements and meter sockets are cross checked</p> <p>Perform torque check</p>	<p>Place customer and ground labels</p> <p>Replace CT and PT cover plates</p> <p>Replace meter socket cover plate or junction box</p> <p>Prepare meter set for shipping</p>

For more information, contact your local Anixter sales representative or visit us at anixter.com/utilities.

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19D0272GL © 2019 Anixter Inc. 03/19

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