

This course provides the basic knowledge for everyone who has started to work with the E850 meter or intends to. The most important features are explained, and it is taught how to install and commission the meter as well as the usage of the user manual. Participants know the basic functionality and the application of E850 devices. They understand the faceplates, the installation scheme and the display menus. They can install and commission the meter as well as perform the necessary operations with the keys.

The course also provides the knowledge for performing readouts, service and maintenance of the E850 meter. .MAP110 is introduced and the most important data groups are explained as well as how to influence the meter with the software. Participants will learn the basic functionality of .MAP110 and its application for E850 devices, understand the data structure and will perform readout, service, and maintenance with the software.

Target Group	Employees of utilities or certification authorities working in the industrial and commercial metering sector who want to learn about the features and handling of the E850 meter, and employees of utilities or certification authorities working in the industrial and commercial metering sector who want to learn about handling of the E850 meter with the help of .MAP110.	
Requirements	Participants are familiar with the contents of the Metering Basics course.	
Content	<ul style="list-style-type: none"> ▪ Design and functionality of the meter series ▪ Fields of application ▪ Measuring system ▪ User manual ▪ Type designation ▪ Functions ▪ Block diagram ▪ Device construction ▪ Installation ▪ Commissioning ▪ Display and readout ▪ Service and maintenance via keys ▪ Error handling ▪ Overview of communication possibilities 	<ul style="list-style-type: none"> ▪ Installation and setup of .MAP110 ▪ .MAP110 functionality ▪ Data readout and data structure ▪ Grid functions ▪ Power quality ▪ Voltage dip table ▪ Loss measurement ▪ OBIS codes ▪ Security system ▪ Service and maintenance via .MAP110
Duration	1 day	
Training Materials	E850 Course documentation	
Additional Information	<p>Participants often prefer to bring their own laptop with installed optical head, and this is also our recommendation. If needed, computers and optical heads are available in the training center.</p> <p>During the course we will assist in installing the meter service software .MAP110. For the installation of .MAP110, license key and administrator rights are required.</p>	
Certification	Attendance Certificate handed out at end of training	
Other Trainings	E850 Parameterization	