
ABB MEASUREMENT & ANALYTICS | DATA SHEET

On-site service

Initial commissioning with extended warranty





Measurement made easy

Your advantages:



Optimal productivity from the start



Extended warranty period

SMC140 – Initial commissioning with extended warranty

Service description

Commissioning is a key component of ABB Life-Cycle Services. Our commissioning services offer users optimal productivity from the very start. Our services are performed by ABB employees and partners who are trained and certified by the manufacturing facilities.

During each commissioning activity, ABB Service records important equipment and application-specific characteristics. These build an important basis for advanced, preventative maintenance and repair services.

The commissioning services include in particular:

- Warranty extension by 6 months
- Review of specific characteristics and functions
- Review of the configuration
- Adjusting and optimizing parameters
- Trial operation
- Documenting and archiving the parameters
- Brief training session for operating staff
- Creation of a handover / commissioning report

Service content

The following services are provided:

- Consultation with operating personnel about the operating condition and the scope of the commissioning
- Identification of the instrument
- Visual inspection of the installation and ambient conditions
- Inspection and, if applicable, correction of electrical connections
- Function test of inputs and outputs used on the device
- Review of the configuration:
Measuring range and unit, pulse output value and pulse width, reacting in case of an alarm, limit values, adjustment of system data and standard device diagnosis, control parameters
- Trial operation / loop test:
Inspection of displayed values on-site and in the control system. If applicable, simulation of various measured values and device statuses
- If applicable, optimization and adjustment of device parameters to the application
- Perform and save a commissioning fingerprint for comparison as a reference
- Documentation and archiving of device parametrization in the ABB database
- Creation of a service report in short form and issuance of a commissioning checklist
- Brief training session for operating staff

The commissioning process does **not** include:

- Mechanical / electric assembly / installation
- Operation-related delays and waiting periods
- Additional work and repairs
- Detailed instruction of operating personnel
- In the case of larger quantities of devices, any resulting accommodation costs.

These services shall be invoiced separately.

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ABB approvals and certificates

- DIN EN ISO 9001:2000, 14001:2005
- OHSAS 18001:1999 and SCC

ZVEI Classification

- Class 2, 3

Follow-up

- Creation of a handover / commissioning report.
- Archiving of device parametrization and fingerprints.

To be provided by the client

- Ready-to-operate assembly and installation of the device in accordance with the commissioning instruction, including any required electrical connections.
- For the system zero point adjustment of flowmeters, a disconnected measuring section completely filled with measuring medium should be prepared.
- Safe access to the device / measuring system should be ensured, along with a safe workstation.

To be provided by ABB

Required measurement and test equipment, simulators, software and communications adapters, ABB test instructions

Warranty

- Technical and factual accuracy of the activities at the time of service performance.
- The six-month warranty extension refers to the material defect time period indicated in the order confirmation. The initial commissioning must be conducted by ABB three months after delivery from the plant.

Pricing

- Fixed price per device in accordance with **Service content**.
- One-time arrival and return travel between the ABB Service support point and the construction site is included in the price of the first device. If repeated arrival and return travel should be necessary due to an interruption for which ABB is not responsible, the price for the first device shall be invoiced when the operation is restarted.
- We will invoice any additional services, delays or waiting periods separately at hourly rates, in accordance with the current rates (ABB Form 2180).

Time, room and location of service provision

- By arrangement
- Workdays (Monday to Friday, 8:00am to 6:00pm)
- On-site within mainland Germany, excluding islands.

Additional information

The first device and subsequent devices must have been supplied from an ABB order.

Commissioning will be performed successively in time and without interruptions, unless other arrangements have been made beforehand.

Ordering Information

SMC140 Commissioning	Ordering number
Measurement technology first device comprehensive commissioning	3KXS330140L1020
Measurement technology subsequent device(s) comprehensive commissioning	3KXS330140L1021
Measurement technology first device base commissioning	3KXS330140L1022
Measurement technology subsequent device(s) base commissioning	3KXS330140L1023
Measurement technology daily rate commissioning DE	3KXS330140L1024
SMC140 Commissioning additional work time	3KXS330140L1025

‘Base’ measurement products

Videographic recorder, controller, indicator

RVG200 + SM500 (up to 2 channels without extended software functions), CM15, CMF160

Pressure measurement, absolute pressure, differential pressure and gauge pressure

261xxx, 266xxx

Flow measurement

FEP300/500/600, FEH300/500/600, FSM4000, FEx100/200, FCB400, FSx430, FSx450, FMTxxx

Positioner

TZIDC

Temperature measurement

TTxxxx

‘Comprehensive’ measurement products

Videographic recorder, controller:

RVG200, SM500, SM3000 (up to 4 channels without extended software functions)

Pressure measurement, multivariable

266xxx

Level measurement

LLT100, LM200, LM80, MT5000, LST100/300/400, LMT100/200

Industrial controller

CM10, CM30, CM50, CMF310
Protronic P100/P500, Digitric D100/D500 without free configuration

Continuous liquid analyzers – Conductivity + pH

AC2, TB2, AX4, AP1, AP2, AP3, TBX5

Positioner

EDP300

‘Daily rate’ measurement products

Videographic recorder

RVG200 + SM500, SM3000 (5 channels and greater without extended software functions)

Electric actuators

PME, RHD, LME, RSD, EAN823, EBN853, EBN861

Industrial controller

Protronic P100/P500, Digitric D100/D500 with free configuration

Continuous liquid analyzers

AW600, Aztec



Notes



To find your local ABB contact visit:

www.abb.com/contacts

For more information visit:

www.abb.com/measurement

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