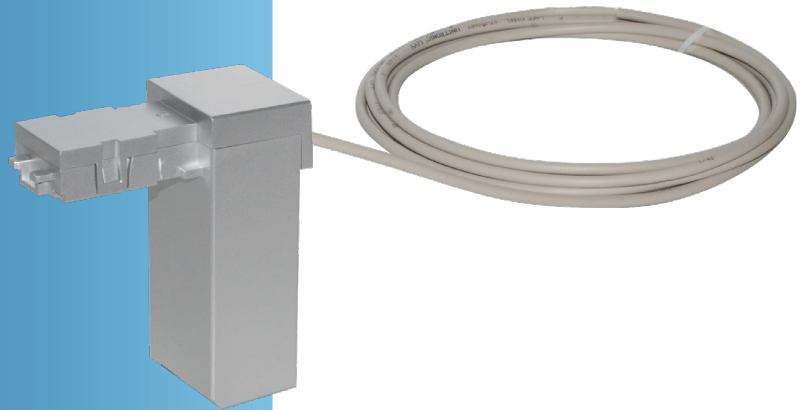**GWF**

GWF4D technology®

ECO MODULE

SONICO®
NFC-Communication module

Your benefits

> Volume and S/N information:
  Standard GWF encoder ECO protocol

> High adaptivity:
  Works with GWF LoRaWAN™ and M-Bus modules

> Water proof design:
  Sealed housing (IP68)

> Plug & Play:
  Easy and fast on-site installation with auto NFC interface-detection

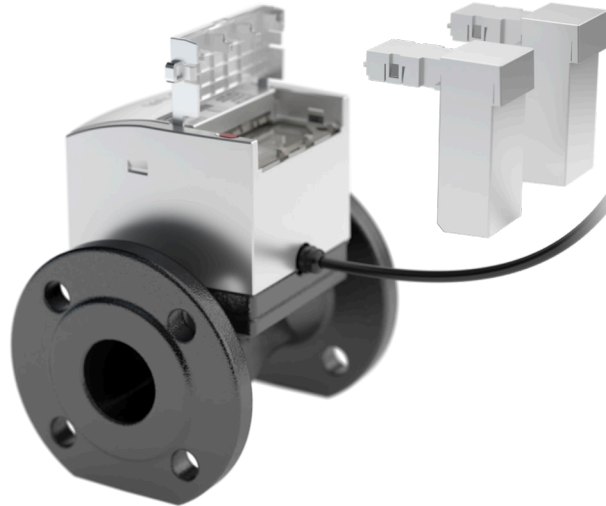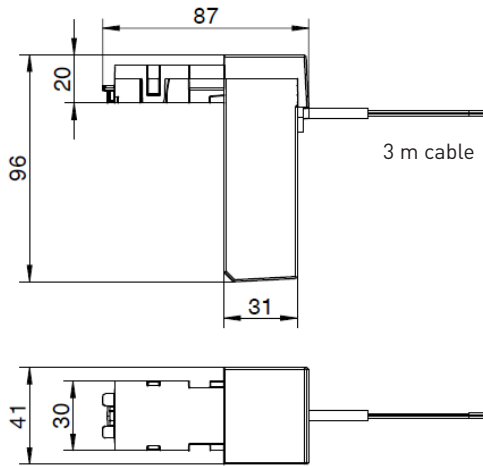## Features

> Battery powered ECO module

> Simple installation and automatic start-up after connecting to meter

> Continuous and tamper-proof connection, thoroughly reliable results

> Can be factory fitted or retrofitted at installation site without breaking metrological seal

> Compatible with all versions of SONICO® meters

> Data security via AES-128-bit end-to-end encryption

> Snap-in NFC module slots – no connectors or cables needed

> CE Approval

Applications

> Industrial application

> Building management system

> Data logging in combination with various data loggers

> Installation in harsh and flooded environment

Dimensions (mm)

87
20
96
31
41
30

3 m cable

Technical data

Specifications	
Approval	CE
Protection class	IP68
Protocol content	S/N and cumulative volume
Cable length / supplied	3 m including cable joint for cable extension
Maximum cable length	30 m
Weight	Approx. 250 g

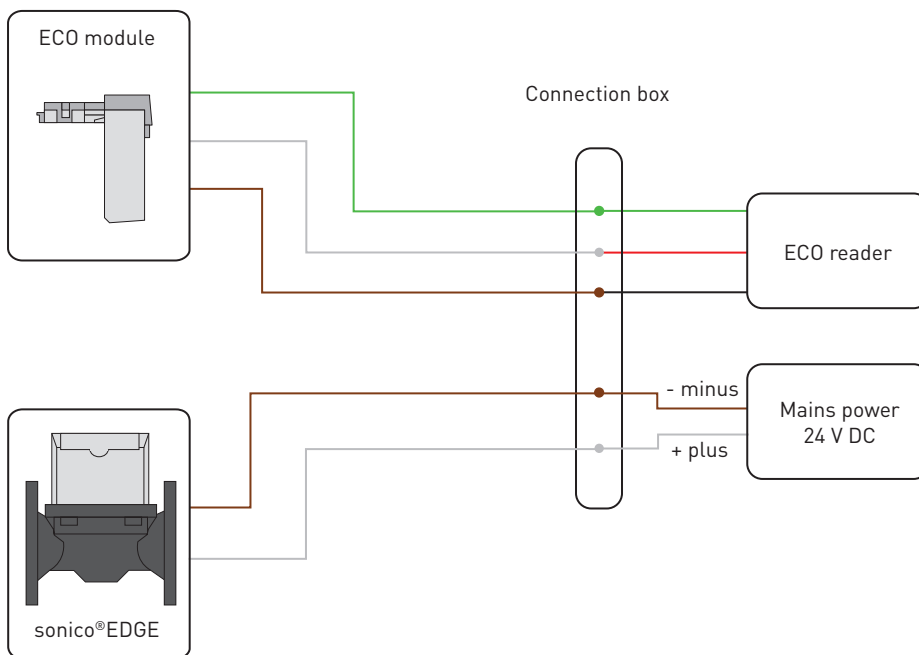| Power supply	
Battery	1 x Lithium Li/SOCL2 A size (not replaceable)
Typical battery lifetime	15 years (depending on environment) with 15 min read out cycles

Conditions	
Operational and storage temperature	–25 to +70 °C
Storage temperature	–25 to +70 °C
Relative humidity	0 to 100 % (IP68)

OUTPUT + CONNECTION → ECO MODULE
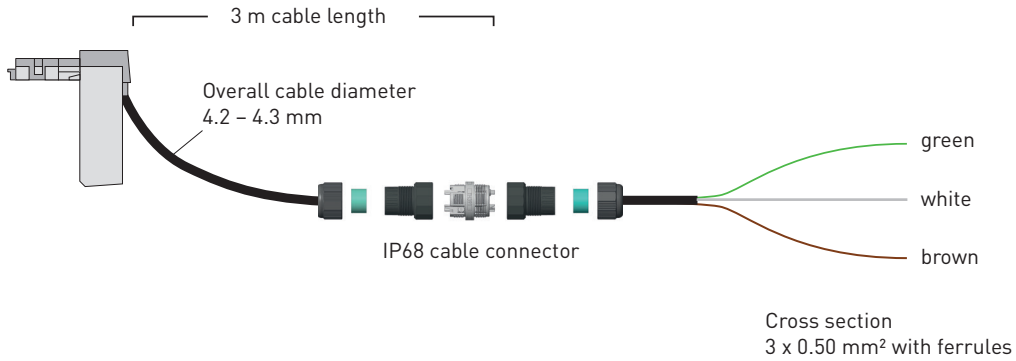
Example of data package

Information data package	Data Example
Manufacturer	GWF
Medium	Water
Version	19
Meter serial number	123456789
Current cumulative volume	00189.010 m^3
Status	0 x 00: no error 0 x 02: no NFC connection

Electrical scheme

Cable connection

3 m cable length

Overall cable diameter
4.2 – 4.3 mm

IP68 cable connector

green

white

brown

Cross section
3 x 0.50 mm² with ferrules

GWF

GWF MessSysteme AG
Obergrundstrasse 119
6005 Lucerne, Switzerland

T +41 41 319 50 50
info@gwf.ch

Technical support
T +41 41 319 52 00
support@gwf.ch

→ gwf.ch

printed in
switzerland