

Protective cover:
helps centering cable,
also holds zip tie

hexagon socket grub screw
M8 x 8 / max. torque 1.5Nm ***

this end of the core should touch the
internal wall of the clamp when closing the
sensor, and while tightening the screw


the cable compartement / outlet
may be elongated up to 6 o'clock,
due to technical processes

due to its flexible core and
mechanical production the
core may become oval; it is
possible to carefully bend
into circular form again

- * inner diameter should at least be 160 including zip tie
- ** measured at any angle the outer diameter should not exceed 200
- *** optimal torque is 1.0Nm, maximal torque is 1.5Nm; it is highly recommended to use a torque screw driver to prevent damaging the clamp, while also giving optimal fit of the core. this is also the torque used at the testing bench. A second grub screw is hidden under the protective cover.

Flexible Split Core Residual Current Sensor
for retrofit installation on 3 bundled MV cables
IEC 61869-1, IEC 61869-10
ECO Big Shape E (ID 160)
BIL: 0.72 / 3 / - kV

respective product code:
E006E, ExxxE
historic: N006E, NxxxE

Departement R&D	Technical reference Big ECO Shape E	Created by M.Hollenstein/ M.Waschek 4/15/2026	Approved by Daniel Manninger 4/16/2026
 ©2026 intellectual property of Greenwood-Power GmbH, Austria		Document type technical drawing	Document status released
		Title Big ECO Shape E universal technical drawing	
		ABAS No. n.a.	Scale 1:1.5
		Sheet 1/1	