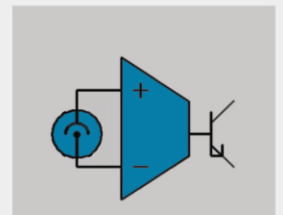
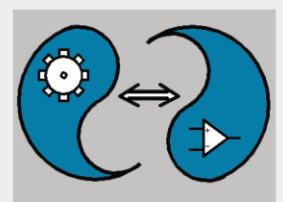


# CTERM

TETHER CABLE TERMINATION



SENSORS



SYSTEM TECHNOLOGY



SOFTWARE



gesellschaft für umweltmesstechnik mbh



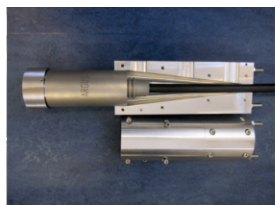
Separating the Kevlar braids before epoxy potting



After molding Kevlar ends cut off



Tension cone inserted into the adapter housing and filled with polyurethane compound



electrical connetor inserted and mould for strain relieve potting adapted

## CTERM

The CTERM tether cable termination terminates hybrid cables physically and electrically. It supports high tension capabilities plus data and power connection. The CTERM can be adapted to the DPS (data power swivel) as well as to buoys and structures directly.

Termination will be on customers request. The CTERM must be moulded following handling description for moulding processes. Different resins are used to finish a complete termination. Beside two different polyurethane compounds a very rigid epoxy resin is been used to laminate the keflar tension braids into a well shaped stainless steel cone to hold the tension load on the cable. The solid construction can be used as a tow cable as well.

For DPS adaption a SubConn connector is been inserted into the adapter housing to fit on the swivel. A sleeve nut will adjust the CTERM to the DPS.

The standard CTERM is made of stainless steel. Titanium or bronze can be provided on request.

## Specifications

- Dimensions: 500mm x 85mm diam.
- Weight: 12kg
- Material: 316TI, Epoxy, Polyurethane
- Connectors: SubConn
- Input DC power: 300V, 50A power cores, 2x2 data cores
- Pressure: 300 bars

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