

Mini CP

Miniature subsea digital cathodic potential measurement system



The OTAQ Offshore Mini CP is a miniature, digital Cathode Potential measurement system that can be used to assess the corrosion state of subsea structures, ship hulls, rig legs and other metal structures. It works with industry standard offshore CP contact and proximity probes.

The Mini CP comes in two versions. The shallow water version is a small, moulded module in-line with the probe and can be mounted to the smallest commercial ROVs. The deep rated unit is made from Anodised Aluminium, is very compact and can be used on inspection class ROVs and above.

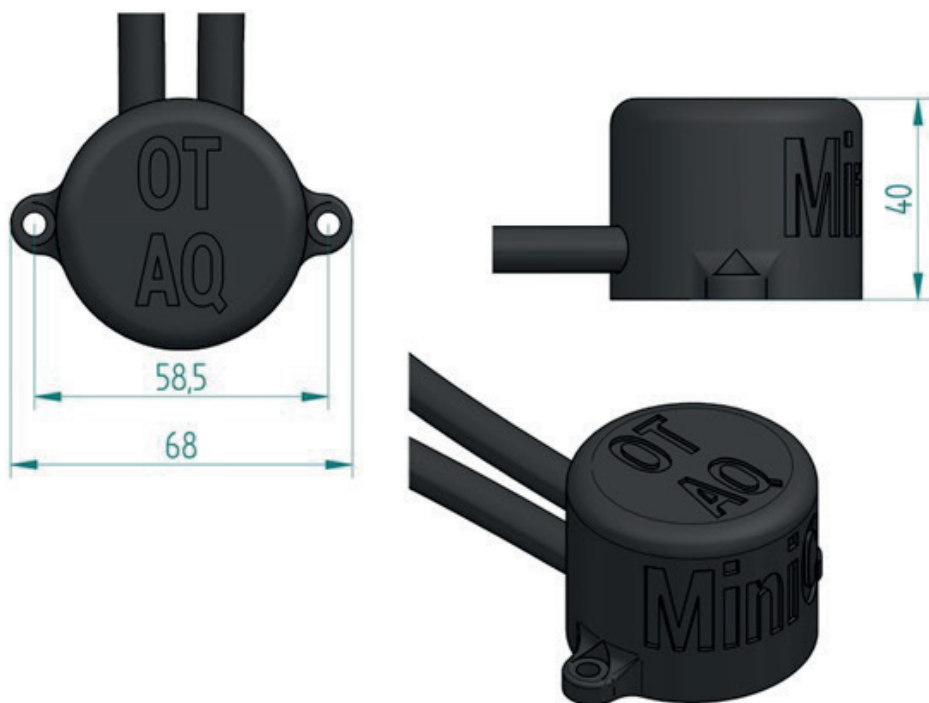
The Mini CP works with industry standard offshore CP contact and proximity probes by digitising the probe's signal and transmitting it via RS232 or RS485 to the surface where it can be displayed on an overlay or via OTAQ's own software interface.

Applications

- Assesses the corrosion state of offshore metal structures
- Used on pipelines, ship hulls, rig legs and spans etc
- Aides in assessing life of anode protection systems



Model	Mini CP - Shallow	Mini CP - Deep
Resolution	5mV	5mV
Coms	RS232 / 485	RS232 / 485
Materials	Potted, inline moulded cable	Anodised Aluminium, other material available
Depth Rating *	300m	4000m
Weight	200g in air / 50g in water	0.8 kg in air / 0.5 kg in water
Dimensions	68 x 40 mm	62 x 59 mm (excluding conn.)
Power	18-30VDC @100mA max	18-30VDC @100mA max
Connector	1 x MCIL8M, 1 x MCIL3M (other connectors optional)	1 x MCIL8M, 1 x MCIL3M (other connectors optional)



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