

ULTRA 20 Series II DC
two transducer system

Document: U20DCSPEC.01

System components (boxed new):

1 x Ultrasonic control unit
 1 x Mounting bracket (*control unit*)
 1 x DC Power cable - 3m
 2 x Transducer
 2 x Mounting ring (*transducer*)
 1 x Transducer cable - 4m
 1 x Transducer cable - 8m
 1 x Silicone grease (*10g tube*)
 1 x Installation and User Manual
 1 x Warranty document

Control unit:

Dimensions 170 x 105 x 60mm (H x W x D)
 IP rating Not rated. Back housing is vented for cooling. PCB is coated for vapour protection.

Transducer:

Dimensions 65 x 86mm (H x W) *including transducer mounting ring.*
 IP rating IP68 waterproof (*to -10m in heavy polluted water with cable connected*)

Cables:

IP rating IP68 waterproof (*to -10m in heavy polluted water*)
 Type H05 RN-F 2G0.75 flexible rubber cable according to HD 22.4
 Size 6mm (*diameter*)

Connectors:

IP rating IP68 waterproof (*to -10m in heavy polluted water*)
 Pins High contact density, gold plated pins
 Insulator PA66
 Size 19mm (*diameter*)

Power:

Supply 12 / 24v DC (operational range 12 – 32vdc)
 Consumption 1.1amps @ 12vdc (13.2 watts)
Consumption figure is the maximum draw depending on the program cycle.
 Fuse rating 5 amp

Weight: System weight - 1.85kg Shipping weight - 2.3kg

RoHS compliant.

Manufactured to the requirements of the Low Voltage Directive (LVD) 2006/95/EC and Directive of Electromagnetic Compatibility (EMC) 2004/108/EC

LVD EN60950-1:2006/A1 2010; EN60204-1:2006 **EMC** (emission) 61000-6-3; 61000-6-4 (immunity) 61000-6-1; 61000-6-2