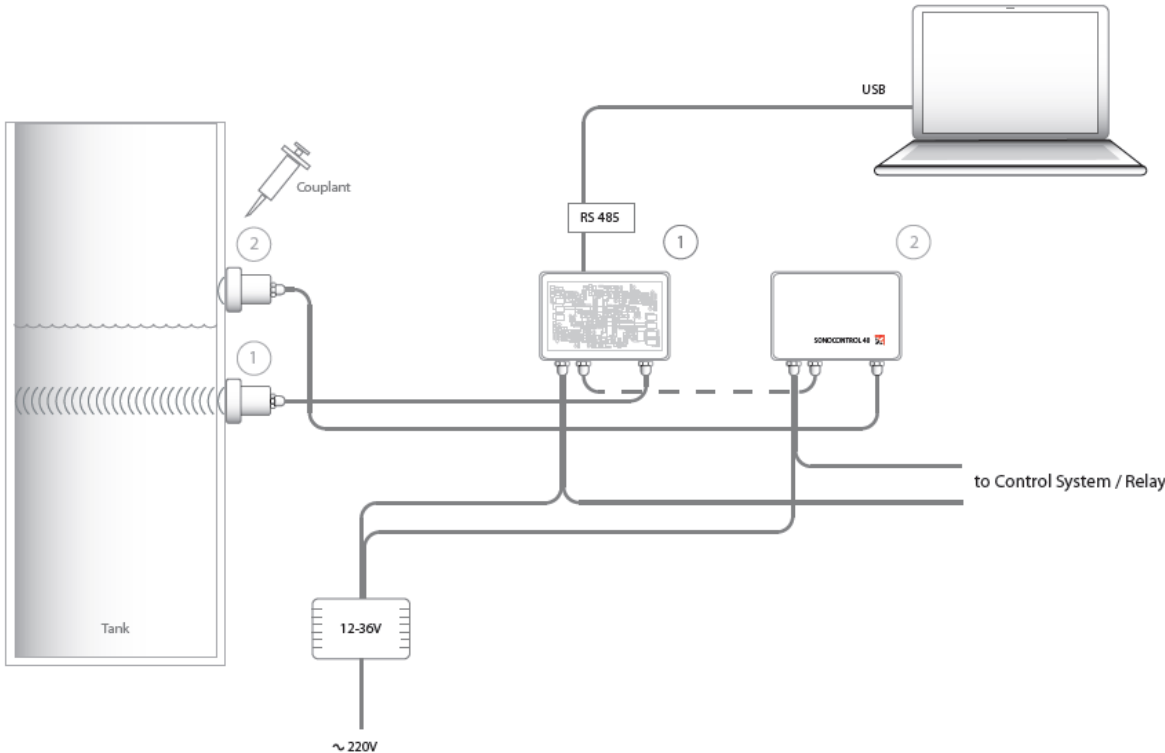


Technical Datasheet

SONOCONTROL 40



Technical Data of SONOCONTROL 40

Function	Level control for liquid filled pipes and tanks <ul style="list-style-type: none"> ▪ Limit switch ▪ Detection of air- and gas bubbles ▪ Detection of solids
Tanks or pipes	Single shell tanks (also coated) out of metal, glass or plastics
Tank diameter	10 ... 20000 mm outside diameter
Mediums	All sound transparent liquids
Components	SONOCONTROL 40 Probe with cable Fastening material for mounting the probe Couplant
Optional accessories	Power supply unit: 230 V AC / 50 Hz – 24 V DC Connection cable (power supply + switching output: 4-pin with a lead cross section of 0,5 mm² ... 2,5 mm², cable diameter of 4,5 mm ... 10 mm) Synchronization cable USB programming adaptor including the start up assistant Cut-off relay Earth cable
Housing	Material: Aluminum die casting Dimensions: 80 x 175 x 57 mm Weight: 250 g Protection class: IP65
Fastening	On-wall
Temperature range	Storage temperature: -40 ... +70 °C Working temperature: -20 ... +70 °C
Cable feed through	Cable gland M 16 (operating voltage + switching output); cable diameter of 4,5 mm ... 10 mm Cable gland M 12 (probe); cable according to scope of delivery
Cable gland	11 x terminal blocks (0,5 mm² ... 2,5 mm²)
Switching output	2 x PNP, max. switching current 100 mA, switching current = operating voltage, inverse-polarity protection, short-circuit-proof (external fuse recommended)
Power supply	12...36 VDC, max. 280 mA, ripple 10%, inverse-polarity protection, overvoltage protection
Optical indication	printed circuit board (red - alarm, yellow – switching output, green – operating voltage)
Interface	RS485 (parameterization / synchronization)
Setting	By means of start up assistant via interface
CE-conformity	Degree of protection: EN 60529 EMC active: EN 61326 EMC passive: EN 61326; IEC 61000-4-2, -3, -4, -5, -6
Probes	See probe datasheet
Connection cable	3 m (standard), 5 m / 10 m on request

Fastening of the probes	See mounting datasheet
Probe coupling	Special adhesive (others available on request)



SONOTEC 

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