

Moisture Monitoring Module Type ABS CA 441

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The CA 441 is a module for moisture monitoring of submersible pumps. It has 4 signal inputs and can be connected:

- for up to 4 individual pumps with combined alarms (e.g. XFP of PE1 & PE2 series)
- for 1 individual pump with separate alarms for cable connection chamber, motor compartment and inspection chamber (e.g. large XFP, AFLX & VUPX). CA 441 is an extension module to PC 441 and does not work stand alone.

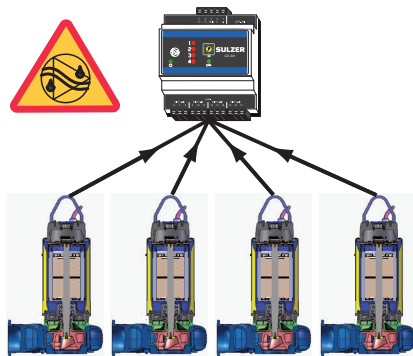
The device is connected to the PC 441 via a CAN bus interface. This enables the possibility to mount the monitoring device up to 250 meters away from the pump controller if using the same earth potential.

Features

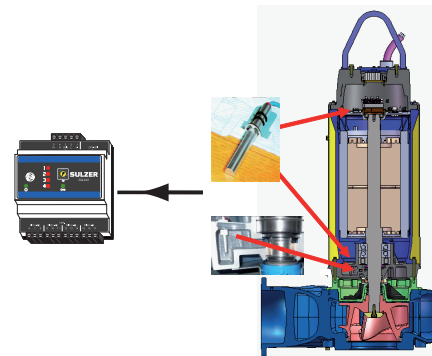
- Combined moisture monitoring of 1-4 pumps
- Advanced moisture monitoring of 1 pump
- Wide resistance range, 0-10 kOhm or 0-220 kOhm
- Connection via plug in connectors
- DIN-rail mounted



Combined monitoring of 1-4 pumps using CA 441



Advanced monitoring of one pump using CA 441



Technical specifications

Description	
Ambient operating temperature	-20 to +50 °C (-4 to +122 °F)
Ambient storage temperature	-30 to +80 °C (-22 to +176 °F)
Degree of protection	IP 20
Housing material	PPO and PC
Mounting	DIN Rail 35 mm
Dimension	HxWxD: 86 x 70 x 58 mm (3.39 x 2.76 x 2.28 inch)
Humidity	0-95 % RH non condensing
Power supply	9-34 VDC
Power consumption	< 2.0 W
Inputs	0-10 kOhm or 0-220 kOhm (Can be set individually per input)
Communication	Field bus of CAN type, max 250 meter cable length using same earth potential.

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