

DC 2/DC 4

Digital Controller



The DC 2 and DC 4 controllers are used for digitalization of analog sensors. Generally it is possible to connect two sensors to a DC 2 Controller resp. four sensors to a DC 4 Controller. The individual DC 2 and DC 4 controller were interlinked via a bus line and were connected in chain installation to a higher-level measuring unit (e.g. MCC). The individual controllers come with explicit bus and channel numbers. Due to these numbers, it is possible for the measuring unit to switch and to measure the appropriate sensor.

Connectable sensor technology	General information	DC2	DC4
<ul style="list-style-type: none"> All Glötzl sensors with piezoresistive sensor technology (e. g. pore water pressure sensors, load cells, etc.) Passive displacement transducers PT 100 / PT1000 Thermistors 4-20 mA sensors 	<ul style="list-style-type: none"> Dimensions (BxHxD): Material: Weight: Protection class: Temperature range: Supply: 	<ul style="list-style-type: none"> 12x12x9 cm plastic 0.9 kg IP 66 -20 up to +70°C 10-30 V/ 1,5 W 	<ul style="list-style-type: none"> 26x12x9 cm plastic 1.3 kg IP 66 -20 up to +70°C 10-30 V/ 1,5 W

Assembling

- Conversion in accurate value by polynomial 3rd order
- Supposed baud rates 1200, 9600, 19200 and 38400 baud
- Digital transfer up to 2 kilometers (1200 baud)
- A sliding average value is adjustable
- Digitalization (16bit)
- MFA journal
- Channel bundling for a quick measuring value monitoring
- In a network it is possible to freely combine Controller and MU, MUM and MUX

Accessories

- Connection cable to the controller
- Mounting plate for wall mounting
- Mounting plate for stand pipe mounting