

GWC Compass 18

This compass 18 is an add-on to our GWC borehole and water well inspection system family. This module can be used to measure the deviation of boreholes for geothermal probes. Regarding the small, needed diameter of 18mm, the used connector is smaller than the standard GWC connector. By using an adapter it is possible to connect standard GWC cameras to this system.

With the BK18 camera connected to the lower end of this module it is possible to do the deviation measurement and an optical inspection at the same time. With our GCC-Vision software the operator can control the whole system (camera, cable reel etc), record a video and the deviation measurement.

Technical data	
Compass	
Operating range	25 bis 50mm (even more with centering device)
Water tightness	40bar
Compass diameter	18mm
Compass length	475mm
Compass sensors	Inside pressure Inside temperature
Azimut	0 bis 360° (0,1°)
X-inclination	+/- 90° (0,025°)
Y-inclination	+/- 90° (0,025°)
Z-depth	0,01m
Power supply	from system
Power consumption	5W
Temp. range operation	0 bis 40°C
Temp. range storage	0 bis 40°C
Dimensions	18mm, 875mm
Weight	1,3 kg

