

Alphacool ES flow and temperature indicator "HighFlow" with RPM-Signal

Alphacool article number: 17558



Quick Info

The Alphacool ES "HighFlow" with tacho signal is a sensor for water temperature and water flow that can be easily integrated into any water circuit.

- For Hose and HardTube systems
- Can be positioned as required
- Continuous measurement

Scope of delivery

1x ES flow and temperature indicator

Technical data

Dimensions (L x W x H)	58 x 25 x 25mm
Material	Acetal
Weight	45g
Pressure tested	2 bar
Max working temperature	60°C
Threads	2x G1/4" internal thread (for max. 5mm thread length)
Cable length hall sensor	420mm
Cable length temperature sensor	430mm
Color	black

Download links

Manual	17558_Alphacool_ES_flow_and_temperature_indicator_HighFlow_with_RPM-Signal_Manual.pdf
Product pictures	17558_Alphacool_ES_flow_and_temperature_indicator_HighFlow_with_RPM-Signal_pics.zip

Packaging dimensions per unit

L x W x H	200 x 160 x 25 mm
Weight	63 g

Other data

Certificates	CE, FC, RoHS
EAN	4250197175586
Customs code	90261081000

Article text

The Alphacool ES "HighFlow" with tachometer signal is a sensor for water temperature and water flow that can be easily integrated into any water circuit.

Integration made easy

The Alphacool ES "HighFlow" flow and temperature sensor is very compact and can be integrated into any water circuit thanks to its two G1/4" internal threads. It does not matter whether the system is equipped with soft tube or HardTubes. Simply screw the appropriate connections to the sensor and then mount it at any position in the loop.

Temperature sensor

A classic NTC 10 kOhm thermistor is used as the sensor. The readable temperature range is between -40 and 125°C. The cable is 43.5 cm long and terminates in a typical 2-pin connector. Many mainboards now offer direct connection options for such sensors. Please check the manual of your mainboard. Of course, there are also various external controllers that offer a connection for the sensor (controller with NTC connection). A corresponding readout device is not included in the scope of delivery.

Flow sensor

The flow sensor enables continuous measurement of the water flow within. The sensor has a 42cm sensor cable included in the scope of delivery and corresponding connectors.

[Download kOhm Sensor Table Alphacool](#)

Drawing

L/h	RPM	L/h	RPM	L/h	RPM
40	327	130	737	220	1275
50	369	140	783	230	1322
60	404	150	850	240	1398
70	449	160	960	250	1430
80	493	170	1034	260	1477
90	510	180	1064	270	1560
100	560	190	1110	280	1608
110	640	200	1192	290	1640
120	700	210	1228	300	1685