



Abb. FL11/2000



Abb. FL11/2000h

Cable sensor FL11

for all Djadun standard temperature controllers
Sensor sealed in stainless steel sleeve \varnothing 6,0 x 50 mm, IP67

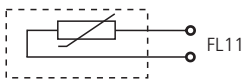
Technical data

Temperature probe	Semiconductor sensor Immersion sleeve Medium temperature Max. cable temperature	2000 ohm at 25 °C stainless steel, 1.4435, \varnothing 6 mm, length: 50 mm see order information by fixed installation*, see order information
Safety	Protection typ / class	IP67 / III
Mechanical	Connection technology Weight	2 wire, AE 0,5mm ² about 80 g

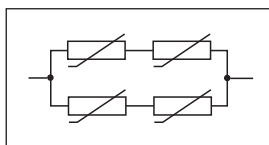
Product features

Application	For measuring surface temperatures or for temperature detection in places where access is difficult
Mounting	The sensor should be installed at a place where all relevant influences on the temperature are detected.

Connection diagram



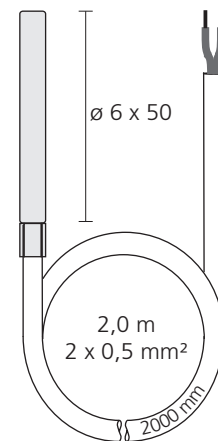
Example averaging



Measured values

Temperature	Ohms	Temperature	Ohms
-20 °C	1385	35 °C	2157
-15 °C	1446	40 °C	2239
-10 °C	1508	45 °C	2322
-5 °C	1573	50 °C	2407
0 °C	1640	55 °C	2495
5 °C	1708	60 °C	2583
10 °C	1778	65 °C	2675
15 °C	1850	70 °C	2767
20 °C	1924	75 °C	2862
25 °C	2000	80 °C	2958
30 °C	2078	85 °C	3057

Dimension



Order information

Item number	Medium temp.	*Cable temp.	Variant
FL11/2000	-40...+105 °C	-20...+70 °C	2 m PVC cable
FL11/2000h	-40...+120 °C	up to 180 °C	2 m silicone cable, halogen-free Other versions and sensors on request

Accessories

Model

ZR-THVA150.01	Immersion sleeve stainless steel, length 150 mm (use as immersion sensor), other length on request
ZR-WLPO1	Thermally conductive paste, silicone-containing, tube 5 gr.