



## Temperature Sensor outdoor mounting FAU11

for all Djadun standard temperature controllers  
 sensor protected in the housing  
 Housing: 60 x 67 (87) x 37 mm, IP65

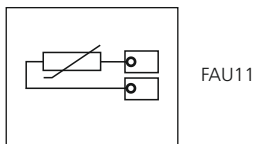
### Technical data

Temperature probe	Semiconductor sensor Sensor element Ambient temperatur	2000 ohm at 25 °C Sensor is protected in the housing operation -40...90 °C; storage -40...+90 °C
Safety	Protection typ / class	IP65 / III
Mechanical	Connection technology Housing Weight	Screw terminals 1,5 mm <sup>2</sup> PA 60 x 67 (87) x 37 mm, white ca. 94 g

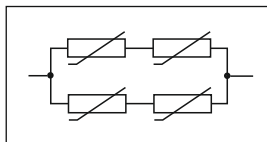
### Product features

Application	For measurement of temperature in outdoor areas or in harsh ambient conditions
Special	The sensitive sensorelement is protected in the housing IP65 by integrated cable gland.
Mounting	When mounting in outdoor areas, the Sensor should be protected against direct solar radiation and irrigation. If necessary use rain or sun protection.

### Connection diagram



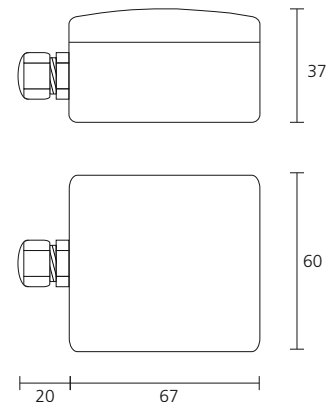
#### example averaging



### 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.	Color	Variant
FAU11.01	-40...90 °C	white	1 sensor, protected in the housing