

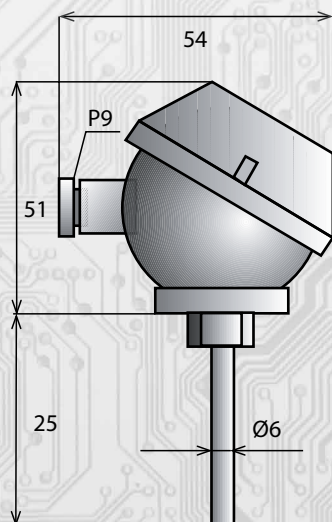
Description:

The resistance temperature sensors are designed for general-purpose application in control and regulation systems for the temperature measurement of outside temperature. The temperature element is located in the stem. The head of sensor is made of aluminium, Sensor is fitted with the plastic holder for fastening on the wall.

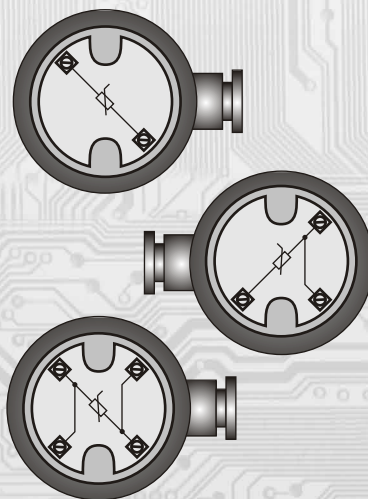
Technical parameters

Measuring range	-30 ÷ 80 °C
Sensor	see the table below
Connection	2 (on request 3 or 4) wiring
Accuracy	class B, IEC 751 (Pt100, Pt 500, Pt1000) class B, DIN 43760 (Ni1000, Ni10000, Ni891, Ni2226) ± 1 °C (NTC20kΩ)
Head	material aluminium, color grey
Stem	stainless steel, DIN 1.4301, Ø = 6 mm, length 25 mm
Insulation resistance	> 100 MΩ at 25 °C (500 VDC)
Protection type	IP 65 (EN 60529)
Relative humidity	< 95 %
Terminal board	ceramic, type KLM
Cable gland	PG9, wire diameter 4 ÷ 8 mm
Version	A11x-(one sensing element) 2A11x-(two sensing elements) x = P, PA, PB, S, L, J, SA, H or N

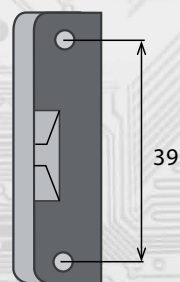
Dimensions



Wiring



Side holder A



2 holes Ø 4,5 mm

Summary

Sensor	A11P	A11PA	A11PB	A11S	A11L	A11J	A11SA	A11H	A11N
sensing element	Pt100	Pt1000	Pt500	Ni1000/6180	Ni1000/5000	Ni891	Ni10000/6180	NTC 20kΩ	Ni2226
Recommended measurement current	1 mA	0,1 mA	0,7 mA	0,1 mA	0,1 mA	0,1 mA	0,01 mA	*	0,1 mA
Max. measurement current	5 mA	1 mA	3 mA	1 mA	1 mA	1 mA	0,5 mA	*	0,7 mA

On the request transducers can be supplied with two measuring elements or transducers with other types of measuring elements such as NTC, PTC, KTY etc.