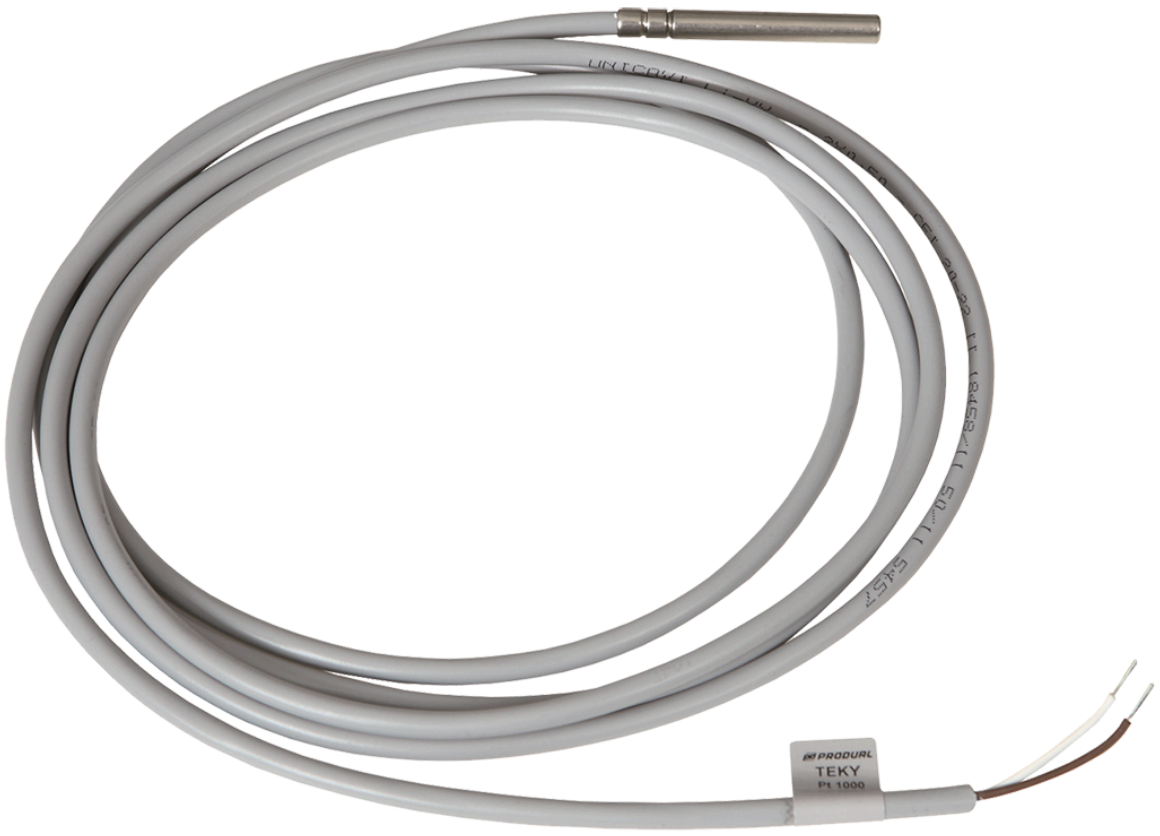
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DATA SHEET

TEKY6

Produal

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CABLE TEMPERATURE SENSOR TEKY6 KP 10

TEKY6 KP 10 temperature sensor is designed for automatic HVAC systems.

Temperature is detected by a semiconductor element with a nominal voltage of 2.73 V (at 0 °C).

Sensor element is inserted in a sleeve of stainless steel. Rolled sleeve gives a good protection against water and dust (IP67).



Sensor voltage at different temperatures

°C	V	°C	V
120	-	25	**2.98**
100	**3.73**	20	**2.93**
90	**3.63**	15	**2.88**
80	**3.53**	10	**2.83**
75	**3.48**	5	**2.78**
70	**3.43**	0	**2.73**
65	**3.38**	-5	**2.68**
60	**3.33**	-10	**2.63**
55	**3.28**	-15	**2.58**
50	**3.23**	-20	**2.53**
45	**3.18**	-25	**2.48**
40	**3.13**	-30	**2.43**
35	**3.08**	-40	**2.33**
30	**3.03**	-50	-

Technical data:

sensor	LM335Z element
sleeve	∅ 6 mm x 45 mm, stainless steel
cable	∅ 5 mm x 2.3 m, PVC
range	-30…+80 °C
accuracy	10 mV / K
protection class	IP67

Ordering guide:

Model	Product number	Description
TEKY6 KP 10	117J320	flying lead sensor, LM335Z element

Products fulfil the requirements of directive 2004/108/EC and are in accordance with the standards EN61000-6-2001: 6 (Emission) and EN61000-3-2001: 2 (Immunity).

Information is subject to change without prior notice.