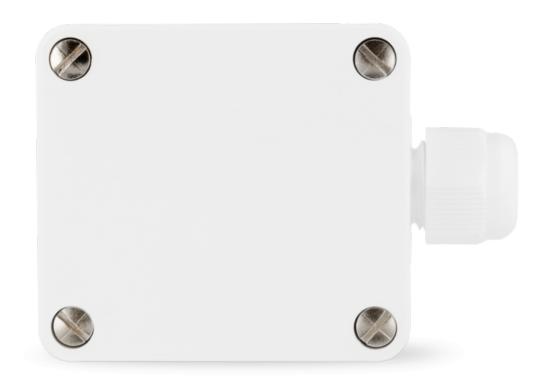


Outdoor temperature sensor for connection to KIO7017 - DATASHEET



ORDER-CODES: KESAN1, KESAN2

Function	Active temperature sensor for harsh environments (outdoor areas, cold rooms, etc.)
Connection	I/O module <u>KIO7017</u> with analog inputs
Sensor	PT100 Class B
DIN	DIN EN 60751
Temp. Coefficient (sensor)	3850 ppm/K
Measuring current	1.0-3.0mA
Error limit	dT = +/-(0.30 °C + 0.005 xT)

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Circuit type	3-wire 0-10V or 4-20mA configurable
Power supply	External 12-30VDC
Operating temperature	-50°C+100°C
Dimensions housing	66 x 60 x 39(mm)
Material housing	Polyamide
Connection terminals	Screw terminal (max. 1.5mm²)
Cable gland	PG gland (4mm10mm)
Protection class	IP65
Scope of delivery	KESAN1 Temperature sensor

The sensor requires an external power supply of 12-14VDC, a corresponding power supply unit is required.