Outdoor temperature sensor for connection to KIO7017 – DATASHEET
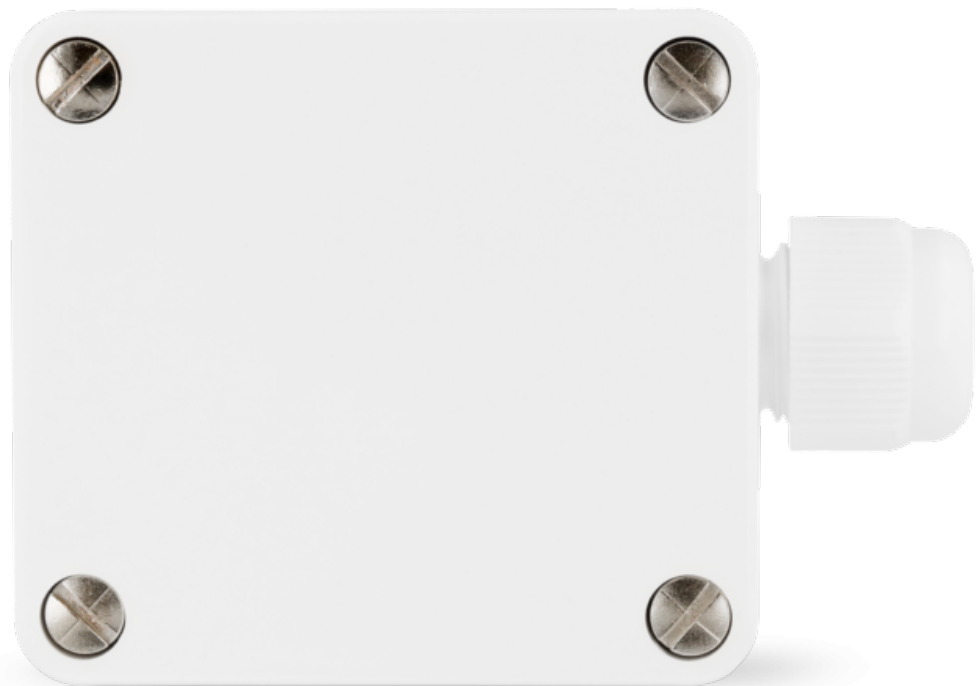
ORDER-CODES:
KESAN1, KESAN2

Function	Active temperature sensor for harsh environments (outdoor areas, cold rooms, etc.)
Connection	I/O module KIO7017 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+0.005xT)

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 (4mm...10mm)
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.