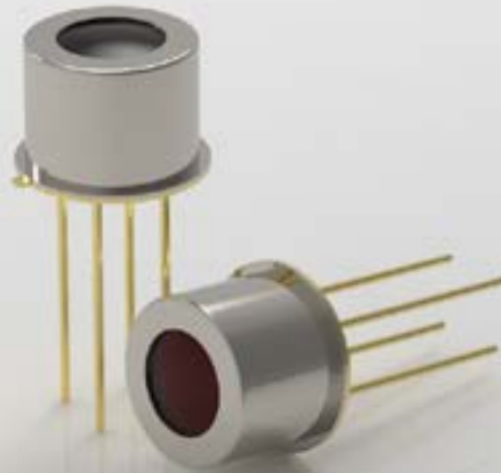# MTP10-A6L5.5

MEMS Infrared temperature sensor

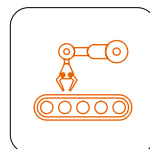Non-contact temperature sensor
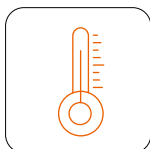
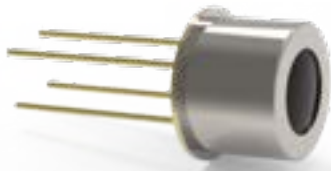|			
Non-contact temperature measurement	Pyrometer	Continuous monitoring of manufacturing temperature	Industrial temperature transmitter
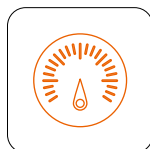
MTP10-A6L5.5

The MTP10-A6L5.5 infrared thermopile temperature sensor is a non-contact temperature sensor with a temperature measurement field of view of up to 12° . It has a built-in MEMS thermopile chip and adopts the 8~14μm bandpass filter exclusively customized by MFrontier. The average transmittance is ≥ 75%. It has the characteristics of high-precision NTC and can be widely used in a variety of temperature measurement fields.
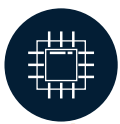
MEMS thermopile chip

TO-39 package

High sensitivity

High precision NTC

8.0~14μm bandpass filter

Product parameters

Model	MTP10-A6L5.5
Package form	TO-39
Field of view (50% maximum signal)	12°
Transmitted wavelength range	8.0~14μm；bandpass
Average transmittance	≥ 75%
Working temperature	-30~100°C
Storage temperature	-40~125°C