



An ISO 9001:2015 Company

INFRARED TEMPERATURE TRANSMITTER

Model KM 6816-4 / KM 6816-5

With CE approval and protection against electromagnetic disturbance for EU standard.

GENERAL SPECIFICATIONS :

- * **Temperature Range** : -50°C~1200°C (-58°F~2192°F) (KM 6816-4)
-50°C~1800°C (-58°F~3272°F) (KM 6816-5)
- * **Spectral Response** : 8-14um
- * **Distance Spot Ratio** : 50:1
- * **Response Time** : 500ms
- * **Accuracy** : $\pm 2\%$ or 2°C
- * **Repeatability** : $\pm 1\%$ or $\pm 1^\circ\text{C}$
- * **Emissivity** : 0.95
- * **Analog Output** : RT-A:4~20mA
- * **Protection Level** : IP65 (NEMA-4)
- * **Storage Temperature** : -20-50°C (-4-122°F)
- * **Operating Temperature** : 0-50°C (32-122°F)
- * **Relative Humidity** : 10-95%
- * **The Maximum Current** : 50mA
- * **Power** : DC 24V
- * **Isolation** : Power, digital output and analog output are isolated and do not interfere with each other.
- * **Shell Material** : Aluminium alloy or stainless steel (optional)
- * **Standard Wire Length** : 2M (or can be 5M or 10M or other length you need)



All Specifications are subject to change without prior notice



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