KUSAM-MECO®
An ISO 9001:2015 Company

INFRARED TEMPERATURE TRANSMITTER
Model KM 8300BX

THINK SAFETY
THINK KUSAM-MECO®

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

As a Integrated transmitter infrared thermometer, KM8300BX have the integration of the sensor, the optical system and the electronic circuit inside its stainless steel or aluminium alloy shell. It can be installed very conveniently by making the standard screw thread on the product bejoined with the installation position.

APPLICATION :

- ✷ Petrochemical Industry
- ✷ Power Industry
- ✷ Light Industry
- ✷ Textile Industry
- ✷ Food Industry
- ✷ National Defense Industry
- ✷ Sector & Scientific Research

NEW

FEATURES:

- ✷ High precision
- ✷ High optical resolution ratio
- ✷ Firm metal shell
- ✷ Output : 4-20mA
- ✷ Optimum test distance : 36cm for best accuracy
- ✷ Size: Φ18mm x 128mm





GENERAL SPECIFICATIONS :

- **Temperature Range :** -50°C ~ 300°C
- **Spectral Response :** 8-14mm
- **Distance Spot Ratio :** 20:1
- **Response Time :** 500ms
- **Accuracy :** ≤100°C ± 2°C, ≥100°C ± 2%
- **Repeatability :** ±1% or ±1°C
- **Emissivity :** 0.95 Fixed
- **The Maximum Current :** 50mA
- **Analog Output :** RT-A : 4-20mA
- **Protection Level :** IP65 (NEMA-4)
- **Operating Temperature :** 0 ~ 50°C
- **Storage Temperature :** -20 ~ 50°C
- **Relative Humidity :** 10 ~ 95%
- **Power :** DC 24V
- **Isolation :** Power, digital output and analog output are isolated and do not interfere with each other.
- **Shell Material :** Stainless steel
- **Standard Wire Length :** 2M

All Specifications are subject to change without prior notice.

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