

FS-IR-64-200-D 16 PIXEL INFRA RED ARRAY

THE NEW 16 PIXEL ARRAY FOR TYRE TEMPERATURE MEASUREMENT IS NOW EVEN SMALLER THAN BEFORE. NOW WITH REVERSE PROTECTION AND ULTRA LOW CURRENT CONSUMPTION

FEATURES

7 MODES OF OPERATION
LINEAR OUTPUT
LIGHT WEIGHT DESIGN
ULTRA SMALL SIZE
REVERSE POWER PROTECTION

ELECTRICAL

CURRENT CONSUMPTION 7Ma
VOLTAGE INPUT RANGE 7V TO 24V
OUTPUT CAN
MAXIMUM TEMPERATURE -20 TO 85C
RESPONSE TIME 20Hz

WIRING DETAILS

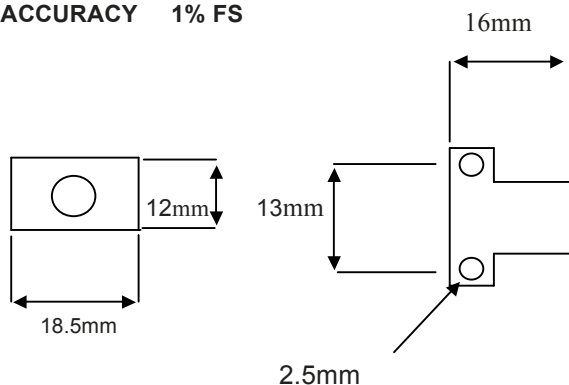
28 AWG MIL SPEC WIRE

| | |
|--------|----------|
| RED | +V |
| BLACK | GND |
| BLUE | CAN LOW |
| YELLOW | CAN HIGH |

MECHANICAL

| | |
|------------|-----------------------|
| Material | Aluminum HE 30 |
| Weight | 12 Grams |
| Protection | IP64 |
| Vibration | 9 G 100-1000Hz 24 HRS |
| FOV | 40,60 and 120 degrees |

ACCURACY 1% FS



ADVANCED THERMAL IMAGE CAMERA

FS-IR-64-200D has been designed to measure temperature of a tyre surface. There are 3 versions of this sensor with different field of view. 120 Degrees wide angle for LMP1 closed wheel cars. 60 FOV and 40 FOV for open wheel formulas. The new Ultra light weight design makes it easy to package this sensor on any formula of car or Bike.

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NEW SENSORS FOR 2017