



FS-200-IR-1 SINGLE SPOT IR SENSOR FOR MOTORSPORT



SENSOR PERFORMANCE	
FOV	35 DEGREE
OUTPUT	LINEAR PROPORTIONAL TO VOLTS
OUTPUT RANGE	150 C , 200 C ,300C
OUTPUT	0 TO 5 V
ACCURACY	0.2 C

Electrical connection	
	Wire Colour
SIGNAL	WHITE
5 to 18 V	RED
GND	BLACK

Table 2. Electrical Specifications

Electrical	
Supply Voltage	5-18V DC
Current Consumption	<4mA
Pixel Sampling Rate	1000HZ
CAN ID	N/A
Distance Calibration	50MM TO 1.5 METRE

Table 3. Environmental Specifications

Environmental	
CABLE	DR 25
Vibration	9g 100-1000Hz 24hrs
Media	Resistant to most motorsport fluids
Compensated Range	25°C to 125°C

Mechanical	
Weight	5G NOT INCLUDING THE CABLE
Material	PEEK
Cable	Flying lead or size 2/lemo connector
CABLELENGTH	CUSTOMER SPECIFICATION
	Dimensions