

## DATA SHEET



SUPPLIED ON ALL  
SUPERTURISMO URUGUAYO  
RACE CARS

CARTEK can now offer drivers an early warning system should their engine cooling system develop a leak, whether it be from a punctured radiator, loose hose or gasket failure before overheating and engine damage occurs.

The Coolant Level Sensor from CARTEK consists of an aluminium sensor tube which is simply fitted in-line with the engine's radiator hose. An Alarm signal will output from the Sensors 5 pin plug when the Coolant Level starts to drop.

There is also an LED warning status on the sensor itself to alert Pit crew when they are working inside the engine bay.



**ALARM**



**NO ALARM**

## FEATURES

- Detects air in coolant system before temperature rise.
- 0v signal output that can be wired into Dash/Datalogger/LED (not a conventional bulb)/Buzzer.
- LED Warning Status also on sensor itself.
- Available in 3 different sizes.
- Comes with 2 meter flying lead and clamps.

## VARIOUS SIZES



**26mm (1")**



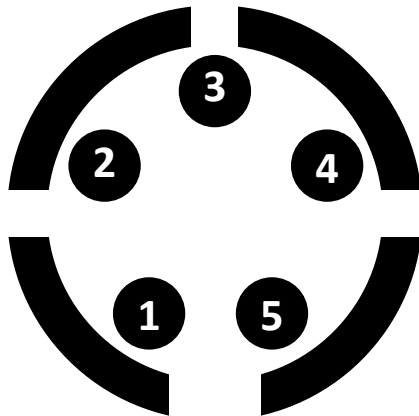
**32mm (1 1/4")**



**38mm (1 1/2")**

**DATA SHEET****SPECIFICATION**

<b>Sizes:</b>	26mm(1"), 32mm(1¼"), or 38mm(1½")
<b>Overall Length:</b>	70mm
<b>Weight:</b>	95g
<b>Voltage:</b>	8V to 27V
<b>Current:</b>	20mA
<b>Connector:</b>	Binder 79 9005 12 05
<b>Flying Lead:</b>	Binder 79 9006 12 05 (2 meters long)
<b>Alarm Signal Output:</b>	Open collector, switched to 'Earth' when coolant is low
<b>Max Temperature:</b>	125°C (260°F)
<b>Part Numbers:</b>	CK-CA-26 26mm COOLANT LEVEL SENSOR CK-CA-32 32mm COOLANT LEVEL SENSOR CK-CA-38 38mm COOLANT LEVEL SENSOR

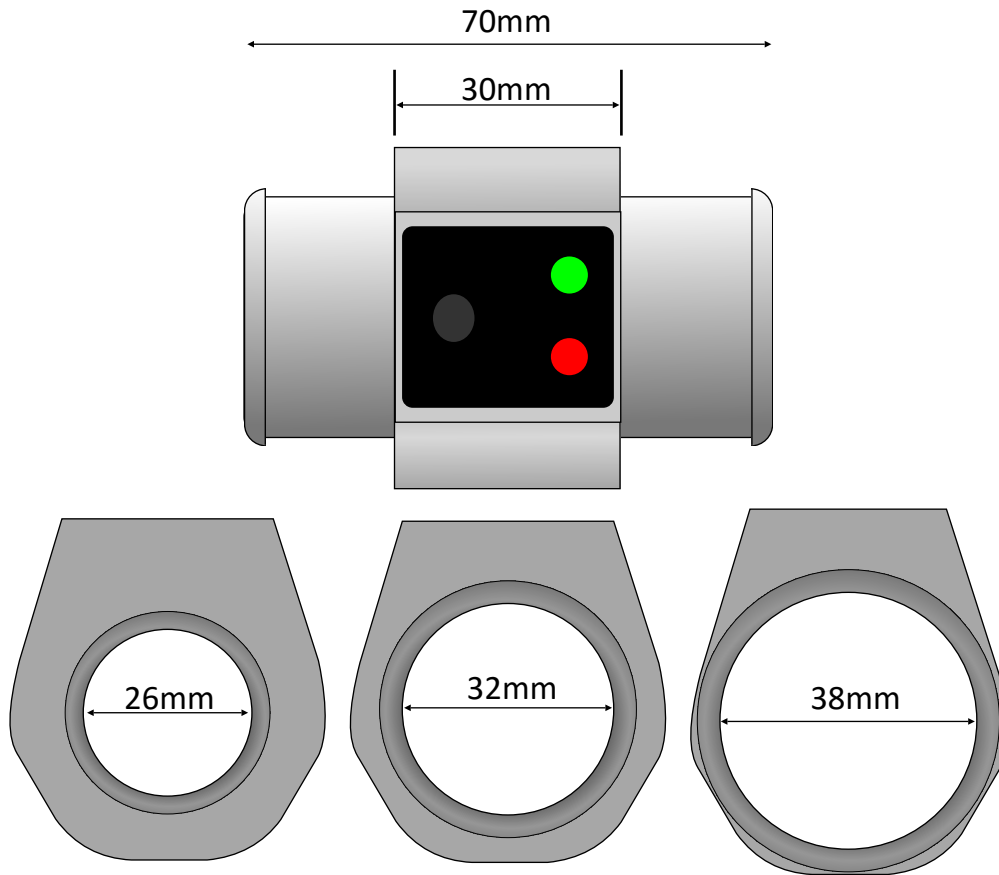
**PIN OUT**

COOLANT LEVEL SENSOR CONNECTOR  
Binder 79 9005 12 05

- Pin 1** - N/A
- Pin 2** - Black wire - GND
- Pin 3** - Blue Wire - Signal Output
- Pin 4** - N/A
- Pin 5** - Brown wire - 12V

**DATA SHEET**

**DIMENSIONS**



**PARTS LIST**



PART NO	DESCRIPTION
CK-CA-26	Coolant Level Sensor 26mm hose diameter
CK-CA-32	Coolant Level Sensor 32mm hose diameter
CK-CA-38	Coolant Level Sensor 38mm hose diameter