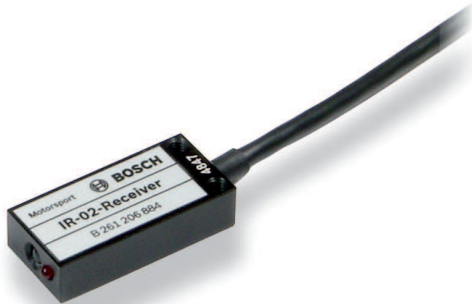


# Lap Trigger IR-02 Receiver



- ▶ Infrared
- ▶ 39 g
- ▶ 15 m working range
- ▶ Different connectors available

This lap trigger system consists of an infrared transmitter station and a receiver installed in the car. The system allows an exact lap time measurement. Section time measurement for comparison of different car setups is also available if several transmitters are used.

The receiver output signal pin is switched to ground for 20 ms when the car passes the main transmitter. Notice: our old lap trigger IR is not compatible with IR-02. If both lap triggers are used at the same time, the transmitters have to be positioned with a minimum distance of 5 m.

## Technical Specifications

### Mechanical Data

|                  |                 |
|------------------|-----------------|
| Size             | 42 x 20 x 10 mm |
| Weight           | 39 g            |
| Aluminum housing |                 |

### Electrical Data

|                     |             |
|---------------------|-------------|
| Frequency codes     | 16          |
| Supply voltage      | 8 to 16 V   |
| Output voltage      | 5 V         |
| Working range       | 15 m        |
| Working temperature | -25 to 70°C |

### Connectors and Wires

|         |                      |
|---------|----------------------|
| Pin 1/A | V+ (Battery voltage) |
| Pin 2/B | GND                  |
| Pin 3/C | Trigger signal       |

## Installation Notes

- Same height between receiver and transmitter
- Visibility connection between receiver and transmitter
- Avoid direct exposure to sunlight

## Ordering Information

### IR-02 Receiver KPSE 6E8 3AP DN A34

Order number **B 261 206 884-03**

### IR-02 Receiver ASL-6-06-05PD-HE

Order number **B 261-206 887-03**

### IR-02 Receiver KPTA 6E6-4P-C-DN

Order number **B 261 206 888-01**