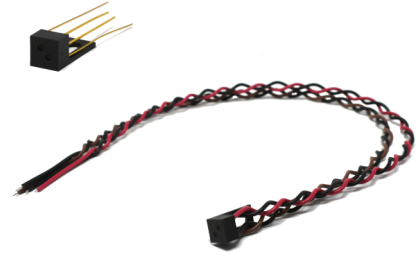


# Fast Facts

## OPB735 Series

### Reflective Object Sensor



#### Features:

- Choice of phototransistor or photodarlington output
- Unfocused for sensing diffuse surfaces
- Low Cost Plastic Housing
- Low Profile to Facilitate Stacking
- #28 AWG lead wire in 12" ( mm) length

#### Description:

The **OPB735** series sensors consist of an infrared emitting diode and an NPN silicon phototransistor or photodarlington, encased side-by-side on converging optical axes in a black thermoplastic housing.

The detector responds to radiation from the IRED only when a reflective object passes within its field of view.

The **OPB735** series employs metal can packaged components.

The **OPB735X** series has 4 leads . The **OPB735XWZ** series has interconnect wires at 12" (304 mm) length UL 1569 approved #28 AWG, stripped and tinned.

Custom electrical, wire, cabling and connectors are available. Contact your local TT Electronics—OPTEK representative for more information.

#### Applications:

- Non-contact reflective object sensor
- Assembly line automation
- Machine automation
- Machine safety
- End of travel sensor
- Door sensor

Ordering Information				
Part Number	LED Peak Wavelength	Sensor	Reflection Distance Inch (mm)	Lead Length/ Wire length
OPB735A	890 nm	Transistor	0.50" (12.7 mm)	0.9"
OPB735B				
OPB735C		Darlington		
OPB735AWZ		Transistor		12" / 28 AWG Wire
OPB735BWZ				
OPB735CWZ				

#### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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