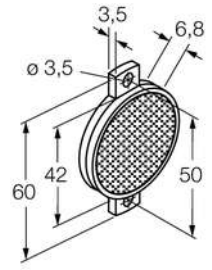
reflector
BRT-42A



- **Round housing**
- **reflective area 0,26**
- **Reflection coefficient 1**
- **(Reference BRT-3)**

Type code	BRT-42A
Ident no.	3045005
Ambient temperature	-20…+60 °C
Dimensions	6.8 mm
Housing diameter	42 mm
Lens	plastic, acrylic

Functional principle

Retro-reflective sensors incorporate emitter and receiver in a single compact housing. The light beam of the emitter is directed towards a reflector which returns the light back to the receiver. An object is detected when it interrupts this beam. Retro-reflective sensors have a high function gain and good contrast performance. Further it is merely required to install and wire a single device.

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