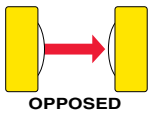
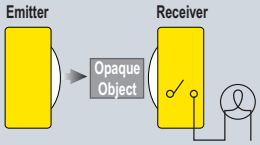
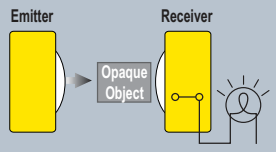
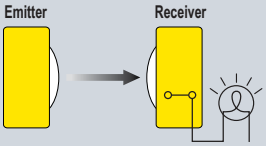
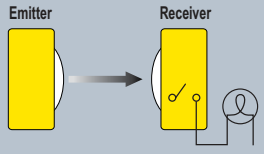
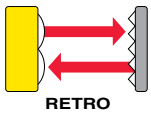
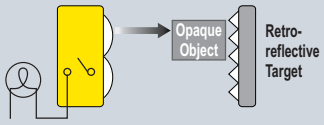
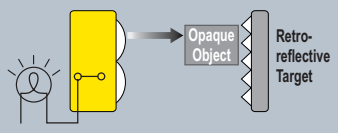
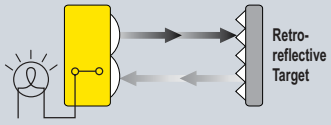
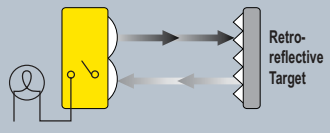
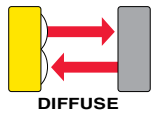
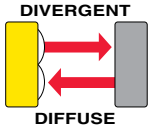
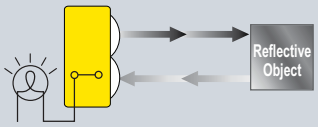
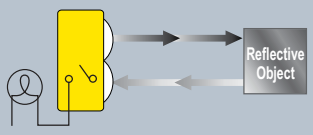
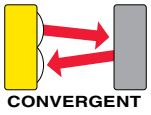
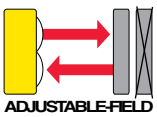
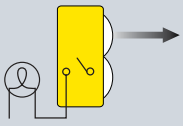
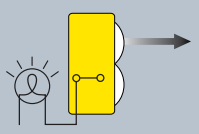
iKnow SENSORS

Training Note

Light Operate/Dark Operate

Sensing Mode	Light Path	Light Operate (LO)	Dark Operate (DO)
The way in which a sensor detects an object.	*Beam of light from sensor's emitter to receiver.*	*Sensor's output energizes when the sensor's receiver **sees** its own light.*	*Sensor's output energizes when the sensor's receiver **does not see** its own light.*
Opposed Mode  	**Target Present** Receiver does not see light	 Output **OFF** when target is present	 Output **ON** when target is present
	Target Absent Receiver sees light	 Output **ON** when light is received	 Output **OFF** when light is received
Retroreflective Mode  	**Target Present** Receiver does not see light	 Output **OFF** when object is present	 Output **ON** when target is present
	Target Absent Receiver sees light	 Output **ON** when light is received	 Output **OFF** when light is received
Proximity Mode   	**Target Present** Receiver sees light	 Output **ON** when light is received and object is present	 Output **OFF** when light is received and object is present
  	**Target Absent** Receiver does not see light	 Output **OFF** when no light is received and object is not present	 Output **ON** when no light is received and object is not present

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