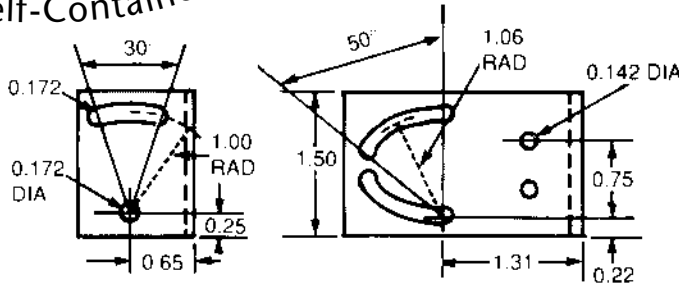


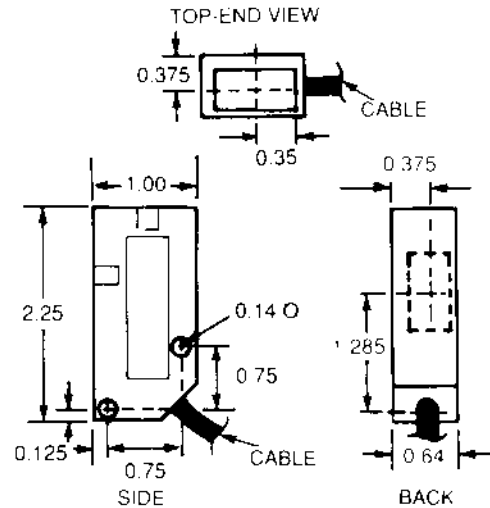


AVAILABLE WITH
END VIEW OR SIDE VIEW

Mini Self-Contained Photoelectric Sensor



DIMENSIONS (INCHES)



SPECIFICATIONS

		7691A Thru-Beam	7692A Short Range Diffused	7693A Retroreflective	7694A Long Range Diffused	7695A Retroreflective Polarized
SENSING	Maximum Distance	32' (10m)	1.5" (40 mm)	12' (3.5 m)*	12' (30 cm)	12' (3.5 m)*
	Minimum Target Size	0.4" (10 mm)	0.1" (2.5 mm)	2.0" (5.1 cm)**	0.5" (1.25 cm)	2.0" (5.1 cm)**
INPUT	Voltage	10 to 30 VDC/Reversed-Polarity Protected				
	Current (nominal)	45 mA Max.	40 mA Max.			
OUTPUT	Type	FET current sinking or sourcing. Short Circuit Protected Using 10 to 30 VDC				
	Capacity	120 mA				
	Response Time	<3 ms				
	Max. Switching Rate	166 Hz				
FEATURES	Operating Mode	Light-On / Dark-On				
	Status Indicator	Red/Green				
	Sensitivity	12 Turn Potentiometer***				
	Timing Mode	On Delay	Off Delay	One-Shot	Under Rate Monitor	Toggle Flop
	Ranges	0.25 to 12 sec.	0.25 to 12 sec.	0.1 to 18 sec.	0.1 to 6 sec	N/A
ENVIRONMENT	Ambient Temperature	-40° to 140° F (-40° to 60° C)				
	Humidity	Maximum Relative Humidity 85%				
PHYSICAL	Housing	Nonmetallic, NEMA 4				
	Light Emitting Element	Infrared	Infrared	Infrared	Infrared	Visible Red
	Weight (shipping/unit)	13.1 oz./7.0 oz.	7.7 oz./3.5 oz.	8.3 oz./3.5 oz.	7.7 oz./3.5 oz.	8.3 oz./3.5 oz.
	Wiring	Wire entrance from wither bottom or back w/mounting bracket.				

* Using 2" square reflector supplied with sensor. See Ordering Codes for other reflectors.

** Object size shown equals reflector size. Detection of smaller objects possible.

*** When the time delay option is offered, no sensitivity adjustment is available. It's replaced by the time delay adjustment.

NOTE: All diffuse distances are accomplished with a 2" X 2" 90% reflective Kodak white card.

MODEL NUMBER >>>>>>	769			D	S
Type					
Thru-Beam	1AS				
Short Range Diffused	2AD				
Retroreflective (IR)	3AR				
Long Range Diffused	4AD				
Polarized Retroreflective (red)	5AR				
View					
Side View	L				
End View	E				
Function					
On/Off	04				
On Delay (End View Only)	05				
Off Delay (End View Only)	06				
One-Shot (End View Only)	07				
Under Rate (End View Only)	08				
Toggle Flop (End View Only)	09				
Input Voltage					
10 to 30 VDC	D				
Output Type					
Solid State	S				
Emitter Type					
Visible Red Polarized	1				
Infrared	2				
Options					
Standard	X				
Special	K				

*NOTE: 2" square reflector shipped with retroreflective units.
One mounting bracket and hardware shipped with units.

REPLACEMENT PARTS

- 7691ARL04DSXX: Receiver Side View
- 7691ARE04DSXX: Receiver End View
- 7691ATLXXDX2X: Transmitter Side View
- 7691ATEXXDX2X: Transmitter End View

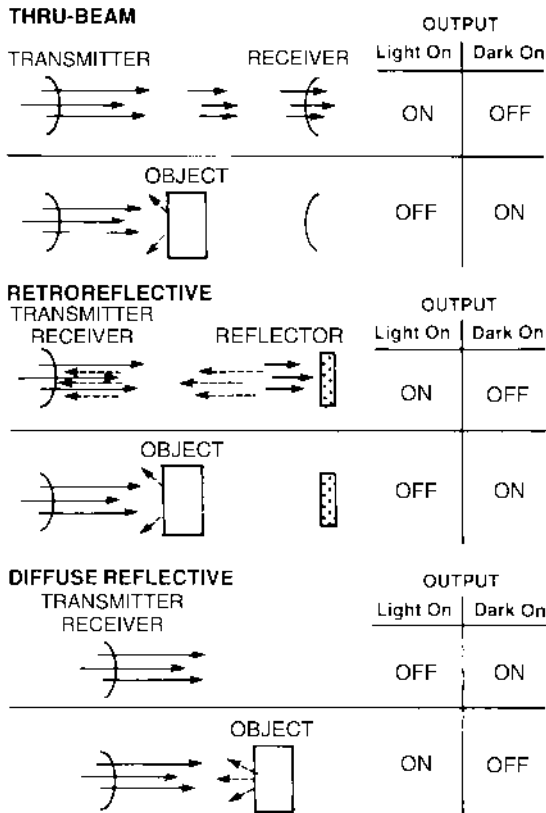
ACCESSORIES

- 7690-105-01-00: Mounting Bracket and Hardware

REFLECTORS

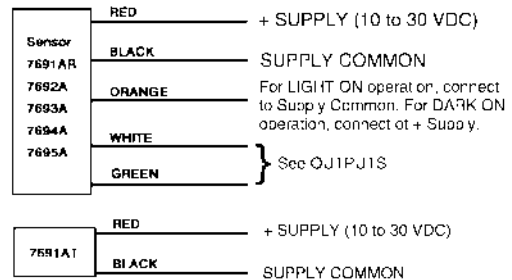
- 7002-210-01-00: 3" Diameter Retroreflective Target Sensing Distance-9.0 ft.
- 7002-210-02-00: 1-5/8" Diameter Retroreflective Target Sensing Distance-5.5 ft.
- 7002-210-03-00: 7/8" Diameter Retroreflective Target Sensing Distance-5.0 ft.
- 7002-210-04-00: 5/8" Diameter Retroreflective Target Sensing Distance-3.0 ft.
- 0000-181-20-00: 1-1/2 X 3" Adhesive Backed Reflector Sensing Distance-7.0 ft.
- 0000-181-53-00: 1.4" Square Reflector Sensing Distance-8.0 ft.
- 0000-181-52-00: 2" Square Reflector* Sensing Distance-12.0 ft.

OPERATING MODES

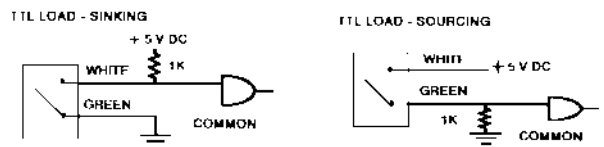


LIGHT/DARK Operation
Light On_Connect the orange wire to 0 voltage.
Dark On_Connect the orange wire to + voltage.

WIRING



OUTPUTS



Self Contained Sensors // 7690 Series